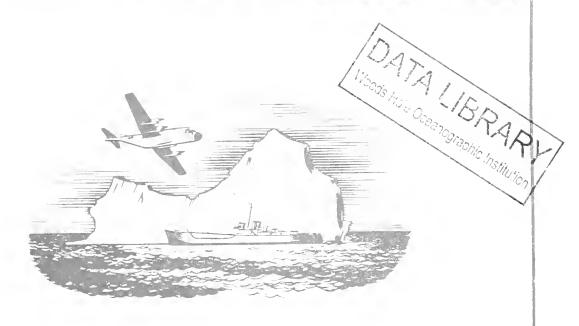
### DEPARTMENT OF TRANSPORTATION



# OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND MARCH 1971-DECEMBER 1972



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# OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND MARCH 1971 - DECEMBER 1972

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Washington, D.C.

June 1976





USCGC EVERGREEN (WAGO 295)

#### **ABSTRACT**

Results of oceanographic surveys off the Grand Banks of Newfoundland from April through June 1972 in support of International Ice Patrol and twelve occupations of Standard Sections A1-A4 are discussed. Analysis includes vertical temperature and salinity profiles for each section as well as dynamic-topographic charts for each Ice Patrol survey. Normal dynamic topography charts of the Grand Banks region are updated. Results are similar to those obtained by Soule (1964). Finally there is a discussion of the oceanographic and meteorological conditions which caused more icebergs to drift south of 48°N in 1972 than in any previous year in Ice Patrol history. These conditions include iceberg supply, wind, currents, waves/sea ice, sea temperatures, air temperatures, and precipitation. It is concluded that the single most important factor effecting these conditions is the location and intensity of the Icelandic low.

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### OCEANOGRAPHY OF THE GRAND BANKS REGION OF NEWFOUNDLAND

March 1971—December 1972

Robert W. Scobie 1

#### INTRODUCTION

The iceberg threat to North Atlantic shipping was more severe in 1972 than in any other year in International Ice Patrol (HP) history. The ice season officially extended from 29 February to 4 September—the longest ever. During that period, a record 1587 icebergs were reported south of 48°N. This surpassed the previous high of 1320 icebergs sighted in 1929. In 1972 icebergs were reported as far east as 47°02'N, 36°59′W and as far south as 39°57′N, 45°06′W. For the first time since 1959, conditions were severe enough to require a surface patrol to standby the southernmost iceberg. This duty was shared by several Coast Guard cutters from 25 April until 25 July when icebergs were no longer a threat below 43°N.

#### Oceanographic Operations

During the months of April, May, and June, when the iceberg threat was greatest, three oceanographic cruises were conducted to the area immediately eastward of the Grand Banks of Newfoundland by the USCGC EVERGREEN (WAGO=295). The purpose of these cruises was two-fold. First, it was to provide Commander. International Ice Patrol (CHP) with real-time oceanographic data for predicting iceberg drift in the North Atlantic Ocean. Second, it was to support U.S. Coast Guard oceanographic research programs. The crew of CGC EVERGREEN was augmented with a field party of scientists and technicians from the U.S. Coast Guard Oceanographic Unit (CG OCEANOU) on each of these cruises.

#### **Itinerary**

On 3 April the CGC EVERGREEN departed its homeport of Boston. Massachusetts on a 21-day cruise which included a one day port call at St. John's Newfoundland. The oceanographic work conducted on this cruise consisted of 72 STD stations taken along 7 standard Ice Patrol sections extending from  $\Lambda 2$  to  $\Lambda 4$  (fig. 1). Several casts were taken at other than the desired position because of locally heavy concentrations of icebergs.

During the second cruise of 17 days, which began on 5 May, 53 STD stations were occupied on six standard sections from A4 to A2B. The final CGC EVERGREEN cruise of the season commenced on 3 June. After completing section A4 and part of section A3C, a large dead-in-thewater contact appeared on the radar. Proceeding slowly through thick fog, CGC EVER-GREEN was able to identify the contact as a large tabular iceberg located at 42°42′N, 49°20′ W. Commander International Ice Patrol then ordered CGC EVERGREEN to standby this iceberg and assume full duties of surface patrol vessel. Thus from 7 June until 15 June, oceanographic work was confined to the area around the iceberg. During this period STD casts. XBT casts, and photographs of the iceberg were taken. After being relieved of this responsibility, an abbreviated survey along 4 sections from A3B to A2 was conducted. Of the 54 STD easts taken during this cruise, 46 were taken near the large iceberg. The CGC EVERGREEN returned to Boston on 22 June.

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#### Other Occupations of Standard Sections

Twelve other occupations of Coast Guard standard sections  $\Lambda 1$ - $\Lambda 4$  are listed in  $\Lambda$ ppendix  $\Lambda$ . These were conducted by Coast Guard cut-

ters traveling to or from ocean station patrols. The 1971 occupations are included as they have not previously been reported in the CG-373 Series.

#### INSTRUMENTATION AND METHODS

#### International Ice Patrol Cruises

Data from all 179 oceanographic stations taken during the three 1972 Ice Patrol cruises aboard CGC EVERGREEN were obtained using a Plessey Environmental Systems, Model 9040, S/T/D Environmental Profiling System (STD). The Plessey Environmental Systems, Model 8114A, Digital Data Logger (DDL) was used to record these data on magnetic tape. However, as CGC EVERGREEN did not have the on board computer capability to process DDL tapes, it was necessary to read the STD analog traces and to transmit the data including quality control temperatures and salinities to CG OCEANOU for real-time processing. This processing was accomplished with a Honeywell DDP-516 computer utilizing the programs described by Hislop (1973). Following the Ice Patrol season, the DDL tapes were processed on the Control Data Corporation (CDC) 3300 computer using the procedures described by Rosebrook (1974).

A Niskin bottle, equipped with two protected and two unprotected deep sca reversing thermometers, was attached immediately above the underwater sensing unit on all deep stations for quality control. Conductivity ratios of these samples were determined on board CGC EVER-GREEN using a portable inductive salinometer and were converted to salinities using formulae published in the International Oceanographic Tables (1966). Temperatures were also processed on board CGC EVERGREEN with a Dietzgen Model 7410-PA programmable calculator with programs developed at CG OCEANOU. Dynamic heights in shallow water were calculated using the modified Helland-Hansen method described by Kollmeyer et al., (1967).

#### Occupation of Standard Sections

Data from the 12 occupations of standard sections A1-A4 reported here were obtained from either STD or Nansen casts depending on how each ship was outfitted. The cast procedures outlined in the Manual for Oceanographic Operations (CG-410) were followed during these occupations. Station data were processed using conventional CG OCEANOU procedures. Vertical temperature and salinity profiles for these occupations are presented as Figures 2 through 24. Similar profiles for all HP occupations of A2, A3, and A4 are also presented (figs. 25 through 38).

#### UPDATING THE NORMAL DYNAMIC TOPOGRAPHY CHARTS

#### Background

Floyd M. Soule, who was a prominent member of International Ice Patrol for a period spanning more than 30 years, published the original normal dynamic topography charts of the Grand Banks area (Soule, 1964). These charts were developed primarily for use by Commander, International Ice Patrol (CHP). Before explaining how they were updated, the evolution and use of these charts will be reviewed.

The 15 April 1912 sinking of the luxury liner Titanic following her collision with an iceberg at 41°16′N, 50°14′W, some 300 miles south of Newfoundland, prompted international shipping interests to demand that an organization be formed to continually advise the mariner of the iceberg danger. The result of this outery was the establishment of the International Ice Patrol by the International Convention for the Safety of Life At Sea (SOLAS) in 1913. This service, financed by SOLAS member nations and operated by the U.S. Coast Guard, is designed to advise the mariner of any iceberg danger, as well as to conduct oceanographic research, in the area of the Grand Banks. The oceanographic conditions in this area are very complex as it is the confluence region of the cold southerly flowing Labrador Current and the warm northerly flowing North Atlantic Current.

During the first few years of Ice Patrol, the emphasis was placed on ice observation and advisories. As a result, the oceanographic data collected was quite sparse and of only limited value. However, as oceanographic techniques and equipment improved, it became apparent that oceanographic operations could be valuable to CHP. For the first time in 1931 an Ice Patrol vessel was devoted to oceanographic research, and by 1934 data were being collected in a systematic and concentrated manner.

That year, two significant changes in 41P operations occurred. First the Wenner Salinity Bridge replaced the tedious titration method previously used to determine salinity. This greatly improved the accuracy and ease with which salinity samples could be determined (Soule and Hoyle, 1935). This instrument was used exclusively through the 1961 ice season. Then after two years of comparative testing, it was phased out and replaced by commercially produced portable inductive salinometers. The second change in 1934 was the replacement of the Jacobsen and Jensen method of determining dynamic heights in shallow water with the Helland-Hansen method (Soule and Hoyle, 1935). This method is still used, although it has been slightly modified for adaption to computer usage (Kollmeyer, et al., 1967).

Since 1934 only one other major change in the collection and processing of data has been made. In 1966, the STD replaced the Nansen bottle as the primary sampling device. However, Nansen bottles equipped with deep sea reversing thermometers continue to be used to quality control STD data.

#### Use

Every year that HP has been conducted since 1934, at least some time has been spent surveying the northeastern, eastern, and southern slopes of the Grand Banks. As the general oceanic circulation in this area is similar from year to year, Soule felt that monthly normal dynamic topography charts would be of use to CHP. They definitely have been. At times during the peak of the ice season (April-July), when no data are being collected, CHP utilizes the normal charts as an aid in predicting iceberg drift.

#### Update

Soule's normal charts were based on 22 years of data collected from 1934–1941 and 1949–1961; HP was suspended during World War II. For this first revision of the normal charts, data from 1962 through 1972 were added to the original data base. The data used in this revision consist of

- April—Forty-three surveys (no data from 1969)
- May—Forty-five surveys (no data from 1955 and 1969)
- June—Twenty-nine surveys (no data from 1941, 1951, 1957, 1963, 1965, 1966, 1969-1971)
- July—(no data prior to WW II nor from 1949, 1950, 1954, 1958, 1959, 4965, 1966, 1968–1972).

The July chart is somewhat abbreviated covering only a small area east of Cape Bonavista. From 1934 through 1972, no other areas were surveyed during July.

Data for the revised charts were processed exactly in the same manner as described by Soule (1964). Briefly, dynamic height values, dynamic height of the sea surface relative to the 1000 decibar surface, for each survey were computed at twenty minute intervals of latitude and longitude in the area surveyed. The dynamic heights at each interval were averaged for each month with equal weight given to each year rather than each survey. These average values were used to develop the monthly normal charts (figs. 41, 44, 47, 50). A standard deviation was computed at each interval. All locations with at least five surveys were used to contour a field of standard deviation for each month (figs. 42, 45, 48, 51). Finally a chart for each month (figs. 43, 46, 49, 52) was prepared which indicates data distribution and computed results at each interval according to the following format:

Individual Years
Surveys Represented
Standard Average Dynamic Height of the
Deviation in Sea Surface Relative to the
Dynamic Millimeters Dynamic Meters minus 970,00

#### General Comments

The Labrador and North Atlantic Currents, as well as a region of low dynamic topography between them, are clearly present on the April,

May, and June normal charts. Using information from recent Canadian Hydrographic Service charts, it is clear that the bottom topography affects the flow of both currents. The steepest gradients of the Labrador Current closely parallel the bottom contours along the eastern slope of the Grand Banks implying that the Grand Banks acts as a lateral boundary of this current. The flow of the North Atlantic Current is influenced as it passes over and around the northern end of the Newfoundland Ridge which is located south of the Tail of the Bank.

Current direction can be inferred quite realistically from the normal charts as being parallel to the isopleths of dynamic heights. However, geostrophic speeds are not as easily determined. Due to the averaging process, speeds calculated by taking measurements perpendicular to the isopleths of dynamic height are lower than those that actually exist in the Labrador Current. Thus the current as calculated from the normal charts only approaches a maximum of 40 cm/sec in a few extreme cases in the core of the Labrador Current. Whereas experiments such as those conducted by International Ice Patrol (direct measurement by parachute drogues) in 1966 (Wolford, 1969) indicate the speed of the Labrador Current actually varies from 50 to over 100 cm/sec. Thus when using the normal charts, one must be careful not to underestimate the current speed.

The fact that these revised charts closely resemble Soule's adds validity to the assumption that the general circulation in this area is basically the same from year to year. This is especially true for the core of the Labrador Current and the dynamic "trough" to the east of this current. Standard deviations are greatest near 41°N, 50°W and 42.5°N, 46°W. These are the areas which contain meanders of the North Atlantic Current. Annual changes combined with steep gradients result in standard deviations being as high as 20 centimeters in May.

#### 1972 DYNAMIC TOPOGRAPHY SURVEYS

As has been the practice of IIP for many years, the 1000 decibar surface was used as a reference level in calculating dynamic heights from the 1972 data. Experiments as recent as 1970 (Ettle and Wolford, 1972) have shown that this level is suitable for IIP work. Thus, it is

possible to compare the dynamic topography of each 1972 survey (figs. 53, 54, and 55) directly with past surveys and the monthly normal charts. Such comparisons appear in later sections.

#### 1972 ICEBERG STUDIES

Three icebergs were tracked by Coast Guard entters, while acting as the surface patrol vessel, during the 1972 ice season. From 5 to 11 May, the CGC VIGOROUS (WMEC-627) tracked a medium iceberg using celestial fixes as the primary means of navigation. The May 1972 oceanographic survey (fig. 54) did not cover the area where this iceberg was drifting. However, from the May normal chart (fig. 44) and the May 1972 survey it is apparent that this iceberg was located well into the North Atlantic Current when it was being studied. This iceberg, drifting an average of more than 30 nmi per day, was predominantly effected by the North Atlantic Current (fig. 56). Only during the early part of the study period did the wind, which averaged 17 kns from 224°T (fig. 56), have any significant effect on the iceberg's drift.

CGC EVERGREEN tracked two icebergs—a large tabular iceberg from 8 to 15 June and a small iceberg from 9 to 13 June. Due to heavy fog, Loran A, with an accuracy of 3–5 miles, was used for positioning during this study. These icebergs drifted around in the same general area during the study period (fig. 57). These drifts were in great contrast to the one in May. During this study four sets of four STD stations were taken around the large iceberg. The general flow of the current in this area was southerly

(fig. 58), although not nearly as constant as in the core of the Labrador Current which existed farther to the north. From the iceberg drift, it appears that the effect on these icebergs from the southerly flowing current was to a great degree offset by the effect of the wind (fig. 57), which averaged 14 kns from 188°T during the large iceberg study and 195°T at 19 kns during the small iceberg study.

Four expendable bathythermograph (XBT) sections were conducted at two-day intervals. Each section, consisting of 10 XBTS, was on a constant bearing from the large iceberg ranging from 10 to 500 yards from the iceberg. The purpose of this experiment was to check for horizontal temperature gradients, previously mentioned by Kollmeyer et al. 1966, along each section. However, no gradient was apparent on any of these sections.

From photographs taken around an iceberg, mass determinations of that iceberg can be made. It was hoped that this could be accomplished several times during the drift study of the large iceberg, for such a study could yield information on the rate of deterioration of the iceberg. However, due to poor visibility, a good set of photographs was obtained only at the end of the drift study. At that time it was determined that the iceberg had a mass of approximately  $3 \times 10^9$  kgs.

#### **DISCUSSION OF 1972 ICE CONDITIONS**

Although the number of icebergs which annually drift south of 48°N (fig. 59) fluctuates considerably, this number generally declined during the 40 years prior to 1972 (Table 1). In

Table 1—Yearly Average Number of the Icebergs South of 48°N

Years	Average # of Icebergs
1932–1941	419.1
1942–1951	418.1
1952–1961	251.6
1962–1971	146.3

fact, during that entire period, only in 1945 did this number exceed 1000. Why then did this trend come to such an abrupt end in 1972? Primarily it was a result of substantial changes in oceanographic and meteorological conditions during late 1971 and early 1972. These conditions directly affected the following factors that in turn determine the iceberg count on the Grand Banks:

- Supply of icebergs
- Wind
- Current
- Waves/Sea Ice
- Sea Temperature
- Air Temperature
- Precipitation

#### Iceberg Supply

Most of the icebergs which eventually reach the Grand Banks are calved from glaciers along the west coast of Greenland. Determining the annual iceberg production of these glaciers is a difficult task complicated by the remoteness of this vast region. One census will not result in an accurate count as icebergs may survive for several years in the survey area. To obtain an accurate production figure, it is necessary to conduct several censuses over a period of years while taking into account such factors as melting and calving of icebergs. Since such studies have not been undertaken, it is not surprising that estimates of annual iceberg production vary greatly. Wolford (1972) reports several estimates of iceberg production ranging from 7,500 to 40,000 and suggests that the higher value is more realistic. Using even the most conservative estimates, the annual supply of icebergs is substantial enough to support heavy ice seasons on the Grand Banks.

Each year HP conducts iceberg reconnaissance flights from Newfoundland northward along the Canadian coast to estimate the severity of the upcoming ice season. A January 1972 flight covered the coastal area to Cape Dyer and a February 1972 flight terminated at Cape Chidley. Past experience indicated that only icebergs located south of these points at these respective months will reach the Grand Banks during the following ice season. The result of these 1972 flights was surprisingly low iceberg counts (fig. 60).

This apparent contradiction can be explained. The majority of iceberg drift studies conducted by HP found icebergs advancing southward 3 to 6 miles per day. However, in some instances, advances in excess of 20 miles per day have been noted (Wolford, 1972). Under ideal conditions, as was the case in 1972, it is not unreasonable to assume that icebergs can maintain a speed of advance of 0.5 knots over a long period of time. At this rate, icebergs that were in Baffin Bay in January could reach the Grand Banks during the ice season. With the supply of icebergs in Baffiin Bay estimated to be more than 40,000 at any one time (Sanderson and Davis, 1972), only a small fraction of these icebergs is needed to greatly increase the severity of the ice season. This is what is believed to have happened in 1972.

#### Winds

Icebergs are transported to the Grand Banks by a complex combination of wind and current.

of the iceberg and indirectly on the submerged portion through the force which it imparts on the ocean surface. The prevailing winds along the eastern Canadian coast are from the northwest, which are the most favorable for transporting icebergs toward the Grand Banks. Winds from any other direction tend to impede the advance of the icebergs. Obviously the advance of icebergs would be blocked by winds from the south. Easterly winds cause the icebergs to drift toward the Canadian coast where they ground and deteriorate. Westerly winds force icebergs out of the Labrador Current into the Labrador Sea, slowing the icebergs' southern progress and exposing the icebergs to warmer water of the Labrador Sea and wave action. As Wolford (1972) points out, winds in this region are dependent on the location and intensity of the Icelandic Low. This term applies to an area where lows form and intensify rather than one particular low pressure system. Northwesterly winds increase as this low deepens. Normally this low is weak during the summer and intensifies during the winter.

The wind acts directly on the subacrial portion

Due to severe low pressure systems (fig. 61), which traversed this region during the winter of 1971-1972, the Icelandic Low was more intense than normal for every month from December 1971 through June 1972 with the exception of April 1972, when conditions were close to normal. During these months, a mean surface pressure anomaly existed as shown in January (fig. 60). Since wind anomaly is related to lines of equal pressure anomaly as winds are to isobars, Buys-Ballot's Law may be applied in determining direction of wind anomaly. During the winter of 1971-1972, the prevailing northwesterly winds were reinforced by the deeper than normal Icelandic Low. These winds were extremely favorable for iceberg drift southward along the Canadian coast.

#### Currents

The Baffinland and Labrador Currents transport icebergs southward toward the Grand Banks. These currents, which move much slower than the wind and are less variable, act on most of the iceberg's surface area. A well developed current system is a necessary but not sufficient condition for a heavy ice year. The Labrador Current was well developed in 1957 (Dinsmore

et al., 1958), 1958 (Dinsmore et al., 1960), and 1959 (Budinger et al., 1960), but only 1957 and 1959 were heavy ice years. In 1958 other critical factors, including warmer than normal sea surface temperatures, were unfavorable and a light year resulted. At no time has there been a heavy ice season when the Labrador Current was not well developed.

Current data along the Labrador coast are very scarce, especially in the winter months. Russian scientists conducted the only survey in this area during the winter of 1971–1972. From their 8–9 November occupation of section 8–A (fig. 63), the volume transport of the Labrador Current was determined to be 6.5 Sv; which is 30% greater than normal. Later in the same emise, section 6–A (14–15 December) and section 3–A (24–25 December), both of which are farther south, were also occupied. Volume transport was only 1.1 Sv across section 6–A and 6.8 Sv which is normal, across section 3–A (Kudlo, 1973).

On 21–22 March, CGC SHERMAN (WHEC–720) occupied section  $\Lambda$ –2 (figs. 14 and 15), and the volume transport was determined to be 2.16 Sv southward and 1.07 Sv castward. This indicated that the southerly transport had nearly doubled since the December occupation of 6–A. It should be noted that the east-west portion of  $\Lambda$ –2 is very similar to the Russian section 6–A and the British Grand Banks-Flemish Cap section (Hill et al., 1974).

During a two week period in April, each of these sections was occupied. As part of an IIP survey, section A-2 was occupied on 7-9 April (figs. 25 and 26). The southward flow was 3.71 Sv while the eastward flow was 1.70 Sv. On 10 April, the southerly flow across section 6-A was 3.03 Sv (Kudlo, 1973). Hill et al. (1974) calculated the southerly flow to be 5.27 Sy from a 17-18 April occupation of the Flemish Cap-Grand Banks section. Two factors may have been responsible for the wide range in these transport values. First, as has been noted by Morgan (1969) and other HP authors, the volume transport of the Labrador Current may undergo large changes over a short period of time. Second, much subjectivity is required in using the geostrophic method of determining currents especially in extrapolating values in shallow water and in selecting a reference level. As the Flemish Channel is very narrow and requires much extrapolation, it is felt that in this case the second reason is the primary cause of the variation in the transport values. In addition, Hill et al. (1974) modified their geostrophic values with data from current meters located along the Grand Banks-Flemish Cap section. Although the British value is much greater than the Coast Gnard's, their current profiles (fig. 64 and 65) are similar. In both cases the core of the Labrador Current is just to the east of the continental slope and an anomalous northward flow is just to the west of Flenish Cap. Comparing these data with available historical data, the Russian value is slightly greater than their normal (Kudlo, 1973) and the Coast Guard figure is higher than the running average which was terminated in 1964 (Kollmeyer et al., 1965). Thus it can be said that the Labrador Current was well developed in the first part of April.

The dynamic heights from the above occupation of section A-2 and those from the remainder of the three cruises conducted for HP were contoured and are shown in figures 53, 54, and 55. The Labrador Current was well developed as far south as the Tail of the Bank through June with currents in excess of 50 cm/sec being found in the core. The volume transports generally increased through May before slackening in June. Such condition are extremely conductive to icebergs, southward drift.

While the flow of the Labrador Current was steady during this period, large fluctuations occurred in the North Atlantic Current and the dynamic trough region. The April dynamic topography was similar to the normal (fig. 41). However, by the May survey, conditions had changed dramatically and did not resemble either the April 1972 chart or the May normal (fig. 44). The dynamic trough had expanded and contained two distinct sections. The lower portion of the trough was adjacent to the Labrador Current as expected, but just to the east was a slightly higher portion of the trough which was dynamically flat. The temperature in this part of the trough was much higher than in the lower portion indicating that it may have been formed as a result of an eddy meander separating from the North Atlantic Current, Another unusual condition existed south of the Tail of the Bank where the flow of the Labrador Current was abruptly blocked by a meander of the North Atlantic Current indicated by the presence of warm saline water (figs. 31 and 32). Since the June survey was abbreviated, it is impossible to determine if these conditions had returned to normal at that time.

#### Waves/Sea Ice

There are two ways that iceberg drift is affeeted by sea ice. First, surface waves are rapidly dampened as they travel under this ice which reduces the eroding effect of these waves on icebergs. Second, large amounts of sea ice will keep the icebergs from drifting into bays and inlets along the coast (Schell, 1961). The presence of sea ice is an indication that the iceberg is in cold water where no deterioration will occur. From December through June, the sea ice extended farther south and east than normal (Sanderson, 1972a, Sanderson, 1972b, and Sanderson, 1972c). The greatest departure from the normal occurred in January (fig. 66), and even as late as May, sea ice remained off the coast of Newfoundland (fig. 67). Thus during the winter of 1971-1972, heavy ice conditions were such as to reduce the mortality of icebergs drifting southward along the eastern Canadian coast.

#### Sea Temperatures

It is obvious that with increased sea temperatures, more iceberg melting will occur. But for the entire first half of 1972 the water in the area of interest was colder than normal. It is clear from Sanderson (1972b), and Sanderson (1972c) that the average sea surface temperatures were below normal along the Labrador and eastern Newfoundland coasts for the first six months of 1972. Specific temperatures as much as 11°C colder than normal were reported in the Grand Banks area (Bailey, 1973). This unseasonably cold condition caused the 0°C sea surface isotherm to remain south of Newfoundland throughout March (fig. 68) (Royal Met. off., 1972a), and even as late as June this isotherm extended as far south as northern Newfoundland (fig. 69) (Royal Met. off., 1972b).

Colder than normal conditions also were found at depth. Burmakin (1973) noted that temperatures along sections 8-A, 7-A, 6-A, 4-A, and 3-A were between normal and 2.2° C below normal at various times from November through May in the upper 200 meters. Several HP sections also indicate these cold conditions. The vertical temperature profile from the 7-8 April

occupation of Section  $\Lambda$ -2 gives an indication of the early extent of the Labrador Current (fig. 25). The 0°C isotherm extended to about 150 meters for nearly the entire section. The minimum water temperature was less than -1.6°C. The 0°C isotherm is significant as little ieeberg melting will occur below this temperature. This cold core extended at least to the Tail of the Bank as can be seen in the vertical temperature profile from the 18-19 April occupation of section A-4. Here the 0°C isotherm extends below 150 meters, but the minimum temperature was just less than -1.2 C. As was previously noted, conditions had changed dramatically across this section by the 9-10 May occupation (fig. 31). However, from the vertical temperature profile of the 13-14 May occupation of section  $\Lambda$ =3, (fig. 33) one can see that the core of the Labrador Current was present although restricted closer to continental slope. Temperatures less than  $-1.0^{\circ}$ C were reported and the  $0^{\circ}$ C isotherm was found deeper than 200 meters. By mid-June surface water temperature along Section A=3 had increased, but a cold core with temperature less than -1.4°C was reported, and the 0°C isotherm extended to 250 meters (fig. 37).

Colder than normal conditions continued through July and August. Each year the Fisheries Research Board of Canada and Memorial University of Newfoundland conduct sections across the Labrador Current from southern Labrador to the Tail of the Bank. Through 2 August below average temperatures were recorded to as far south as Flemish Cap. Even toward the end of August, temperatures less than  $-1.7^{\circ}\text{C}$  were recorded in the Labrador Current near the Tail of the Bank (Templeman, 1973). Thus the generally colder than average water conditions tended to reduce iceberg mortality through melting in 1972.

#### Air Temperatures

Melting of the subaerial portion of iceberg is directly related to the air temperature. From December through June, air temperatures along the coast of Labrador and Newfoundland were below normal. Monthly average temperatures were most anomalous during the first part of this period as for instance in February when the average temperature was 4°C below normal (fig. 70). Temperatures approached normal as the year progressed, but even as late as May (fig. 71) temperatures were still 2°C below normal. Temperatures recorded in the spring at four stations along the eastern Canadian coast (Table 2) were typical of these low values. It was not until June that temperatures increased to above normal and were high enough to cause substantial melting. Another indication of these conditions are frost degree day accumulations. From seven of the reporting stations in western Greenland and eastern Canada, it can be seen that record accumulations existed in each case (U.S. NAV-OCEANO, 1972). Thus melting due to air temperature was also less than normal in 1972.

#### Precipitation

As has been noted by Wolford (1972) and other authors, iceberg deterioration is accelerated during the passing of a storm and its associated front. It was further concluded that this is caused by increased rains as well as the increased winds that accompany such storms. Wolford (1972) also presents an example demonstrating the huge heat transfer that can result from such rain. This rapid heat transfer causes increased melting as well as increased internal stresses that may cause the iceberg to calve.

It has been noted that the number of storms passing through the region of interest was greater than normal during the winter of 1971–1972 and the spring of 1972. However, due to the colder than normal conditions which prevailed, according to the weather log from October 1971 through July 1972 at the representative stations at Goose Bay, Newfoundland, Gander, Newfoundland, and St. John's (Torbay),

Table 2.—Monthly Average Air Temperature and Deviation From Average In °C

	APRIL		MAY		JUNE	
	AVE	DEV	AVE	DEV	AVE	DEV
HOPEDALE	-9.5	-4.4	-1.1	-2.8	5.0	-2.2
CARTWRIGHT	-7.2	-4.4	-0.6	-3.9	7.8	-1.1
ST. ANTHONY	-4.4	-3.3	0.0	-3.3	6.7	-1.1
ST. JOHN'S	0.0	-1.1	5.0	-0.6	15.0	4.4

Newfoundland (U.S. Dept. of Commerce, 1972) more snowfall and less rainfall than normal resulted. This snowfall resulted in a sharp increase in snow cover between 1970 and 1971 (Kukla and Kukla, 1974), and an increased snow cover also in 1972. The cold temperature of

snow prohibits iceberg melting and in addition a layer of snow on an iceberg will insulate it from solar radiation which will also help reduce melting. Thus during the 1972 ice season, precipitation in the form of snow caused less iceberg deterioration than normal.

#### **CONCLUSIONS**

The record number of icebergs drifting into the North Atlantic Ocean in 1972 was a result of all critical meteorological and oceanographic being favorable for such drift prior to and during the ice season. The single most important factor in this record year was the increased intensity of the Icelandic Low. This resulted in the favorable northwesterly winds carrying colder than normal air temperatures, which in turn helped produce greater ice cover, lower sea temperatures, and less rainfall. Although the change in the Icelandic Low was the single most important change from the previous season it is noted that each condition discussed here is necessary for a record year. A change in any one would have caused a reduced iceberg county.

#### **ACKNOWLEDGMENT**

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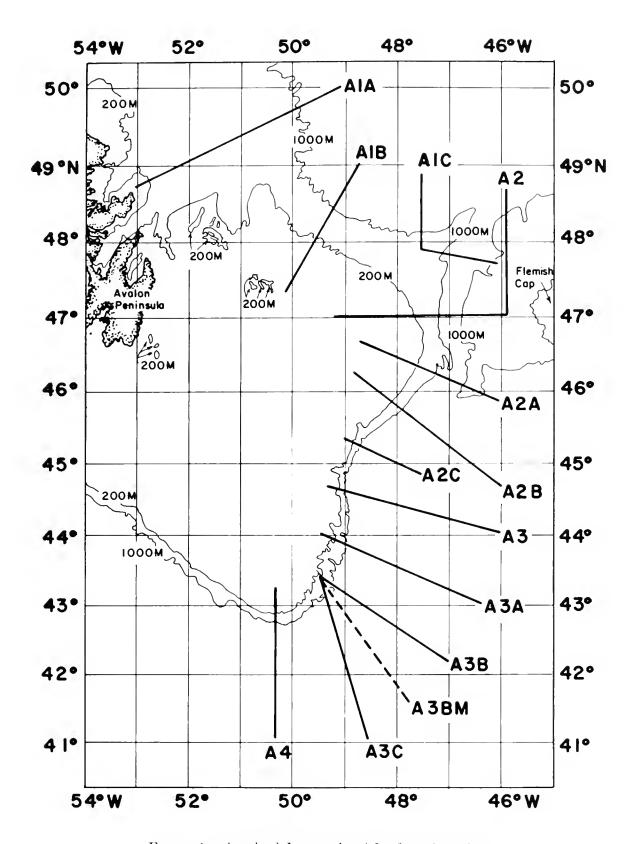


FIGURE 1. Standard International Ice Patrol Sections.

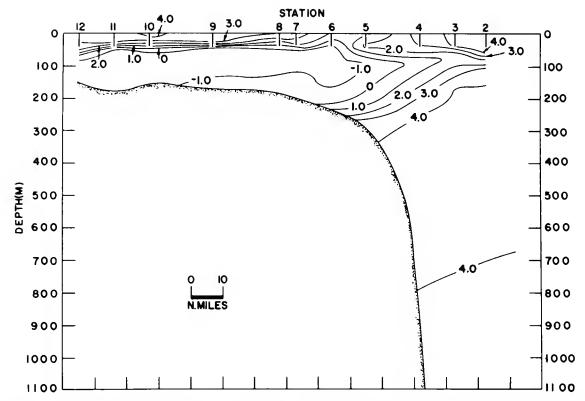


Figure 2. Vertical temperature (°C) profile for section A1 occupied by CGC SPENCER, 21–22 September 1972.

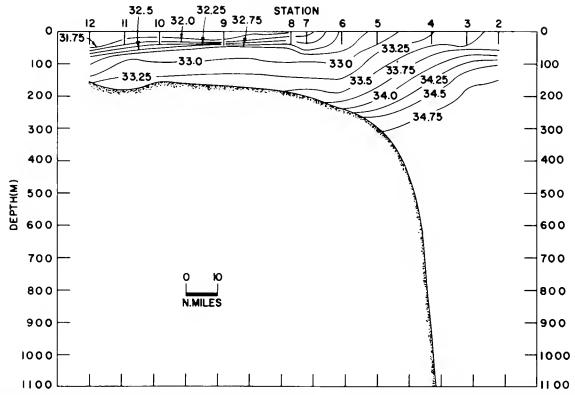


Figure 3. Vertical salinity (°/<sub>oo</sub>) profile for section Λ1 occupied by CGC SPENCER, 21–22 September 1972.

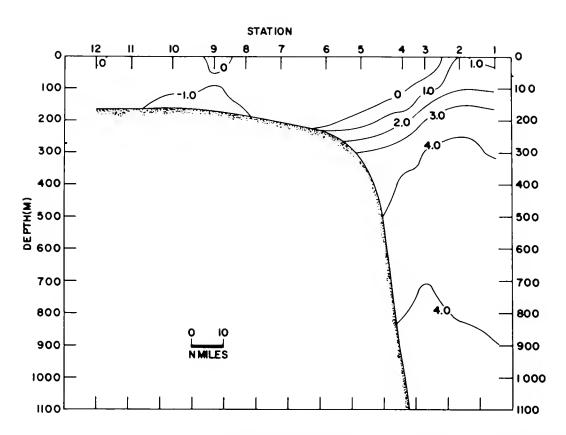
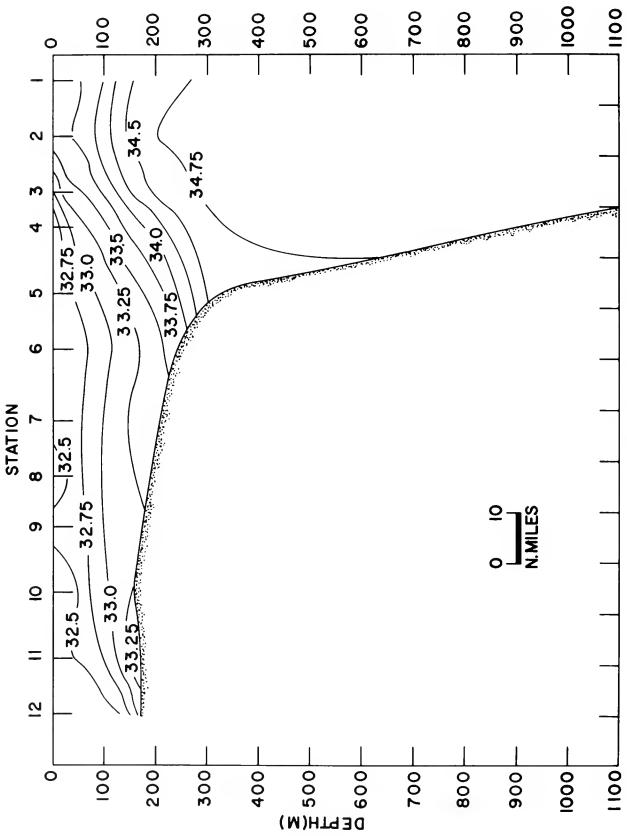


Figure 4. Vertical temperature (°C) profile for section  $\Lambda 1$  occupied by CGC SHERMAN 20–22 November 1972.



Vertical salinity (°/00) profile for section A1 occupied by CGC SHERMAN, 20-22 November 1972. Figure 5.

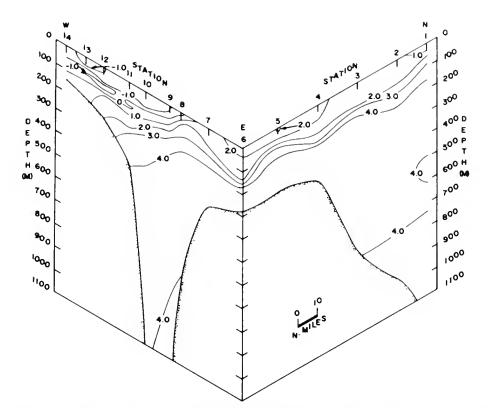


FIGURE 6. Vertical temperature (°C) profile for section A2 occupied by CGC GALLATIN, 18–19 March 1971.

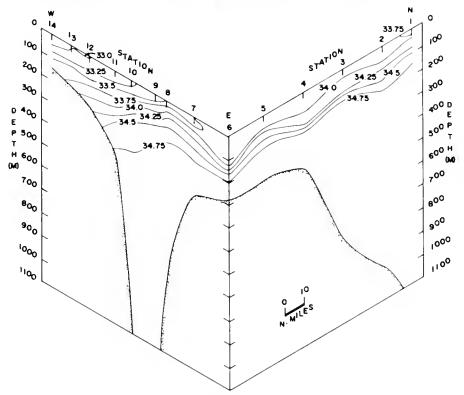


Figure 7. Vertical salinity (°/<sub>oo</sub>) profile for section A2 occupied by CGC GALLATIN, 18-19

March 1971.

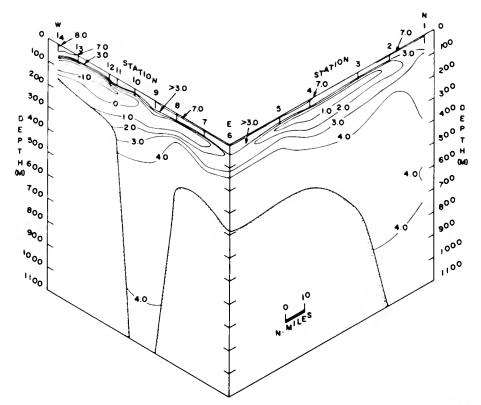


Figure 8. Vertical temperature (°C) profile for section A2 occupied by CGC CAMPBELL, 14–16 July 1971.

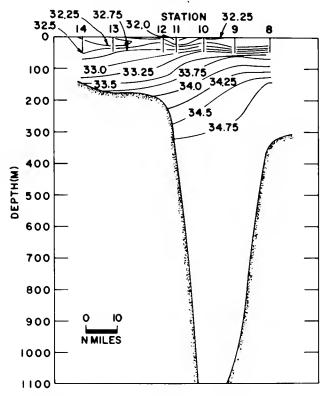


Figure 9. Vertical salinity (\*\* on) profile for section A2 occupied by CGC CAMPBELL, 14-16 July 1971.

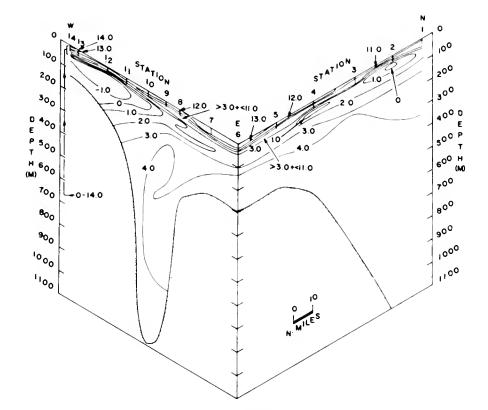


Figure 10. Vertical temperature (°C) profile for section A2 occupied by CGC CHASE, 27-29 August 1971.

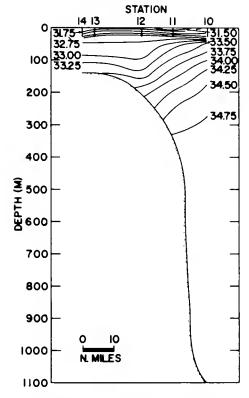


FIGURE 11. Vertical salinity (° ...) profile for section A2 occupied by CGC CHASE, 27-29 August 1971.

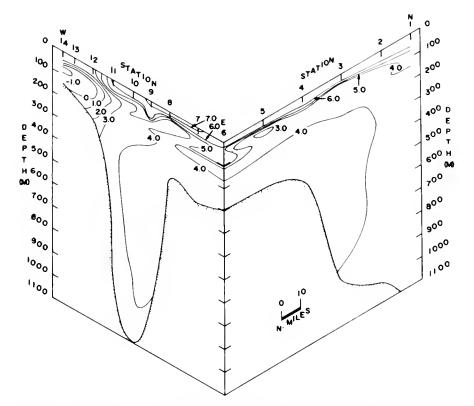


Figure 12. Vertical temperature (°C) profile for section A2 occupied by CGC DALLAS, 9-10 November 1971.

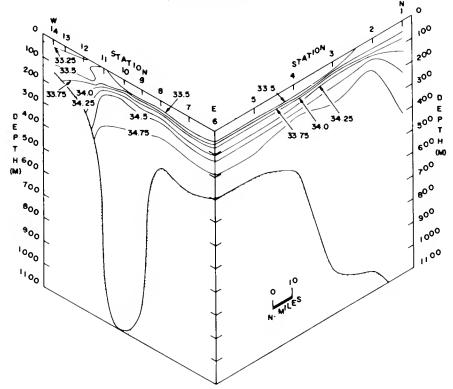


Figure 13. Vertical salinity (°/00) profile for section A2 occupied by CGC DALLAS, 9-10 November 1971.

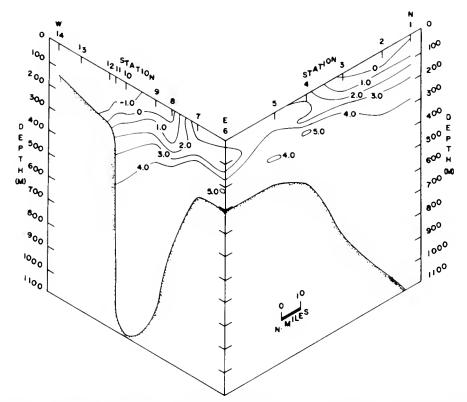


Figure 14. Vertical temperature ( C) profile for section A2 occupied by CGC SHERMAN, 20-22 March 1972.

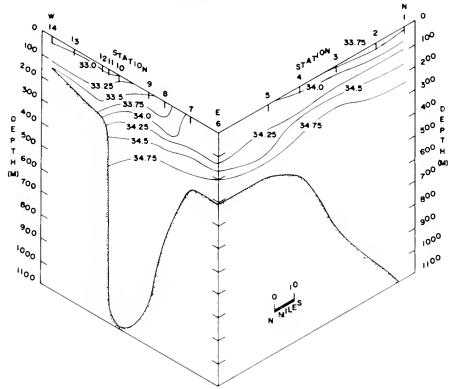


Figure 15. Vertical salinity ( ....) profile for section A2 occupied by CGC SHERMAN, 20-22 March 1972.

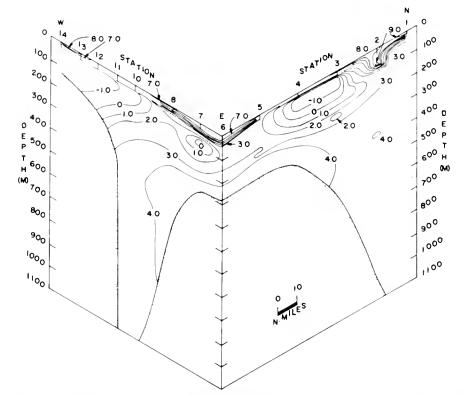


Figure 16. Vertical temperature (°C) profile for section A2 occupied by CGC SHERMAN, 5-7 August 1972.

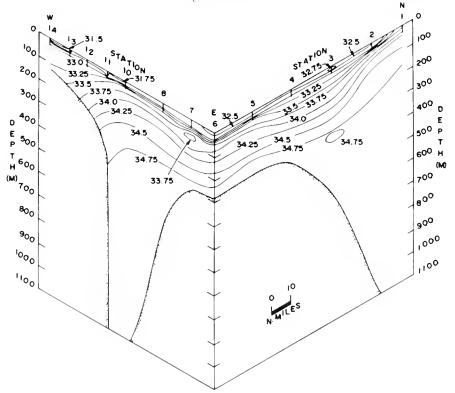


FIGURE 47. Vertical salinity (\* ...) profile for section A2 occupied by CGC SHERMAN, 5-7 August 1972.

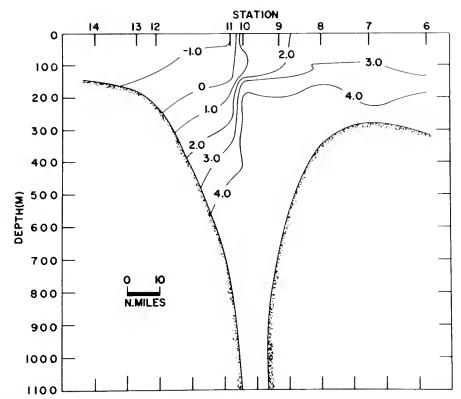


Figure 18. Vertical temperature (°C) profile for section A2 occupied by CGC GALLATIN, 31 December 1972–1 January 1973.

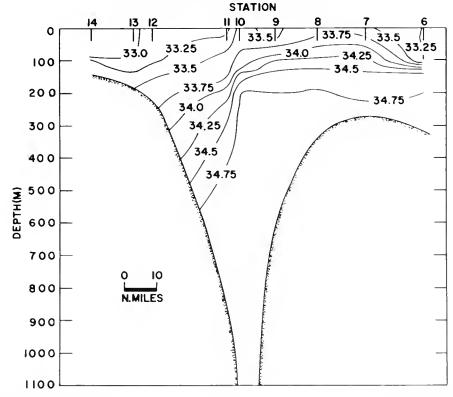


Figure 19. Vertical salinity (\*\gamma\_{oo}) profile for section A2 occupied by CGC GALLATIN, 31 December 1972-1 January 1973.



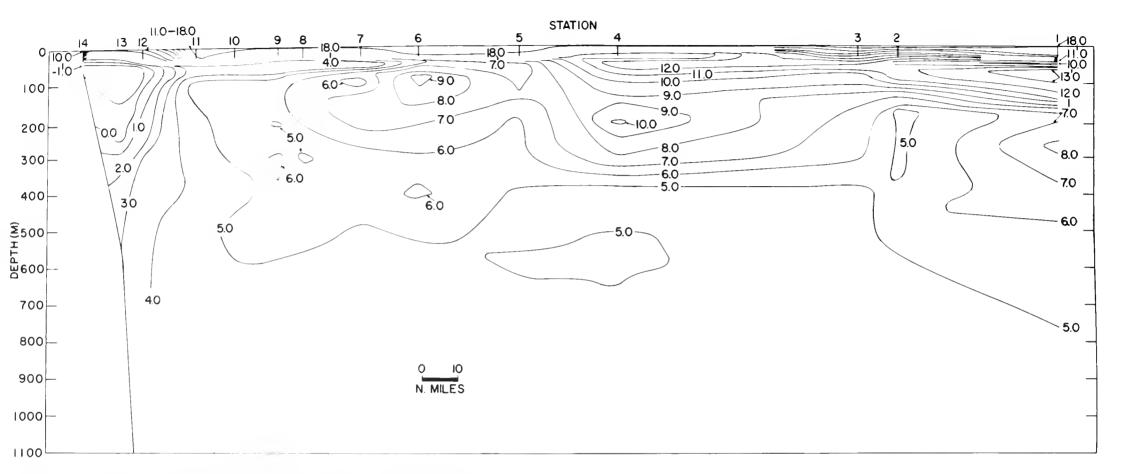


FIGURE 20. Vertical temperature ( C) profile for section A3 occupied by CGC HAMHLTON, 8

10 September 1972.



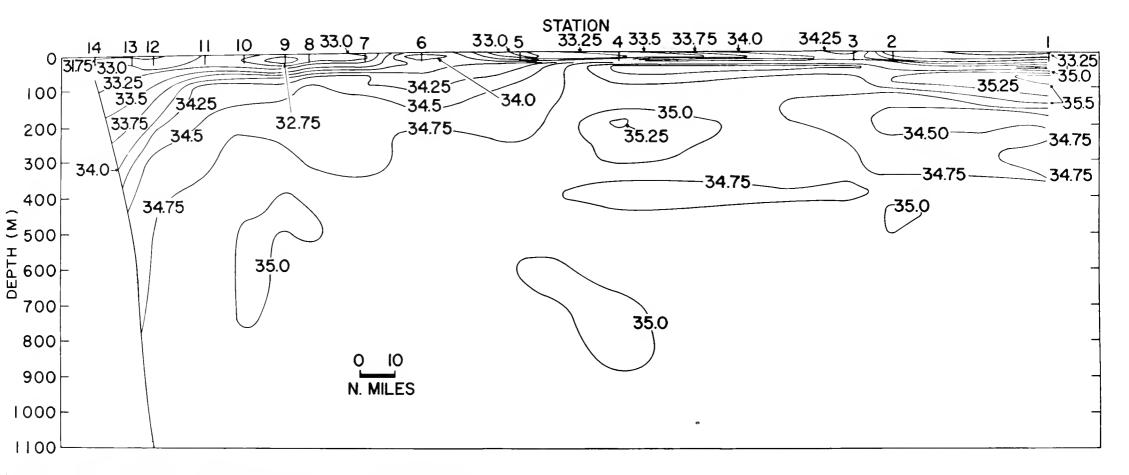


Figure 21. Vertical salinity ( ) profile for section A3 occupied by CGC HAMILTON, 8-10 September 1972.



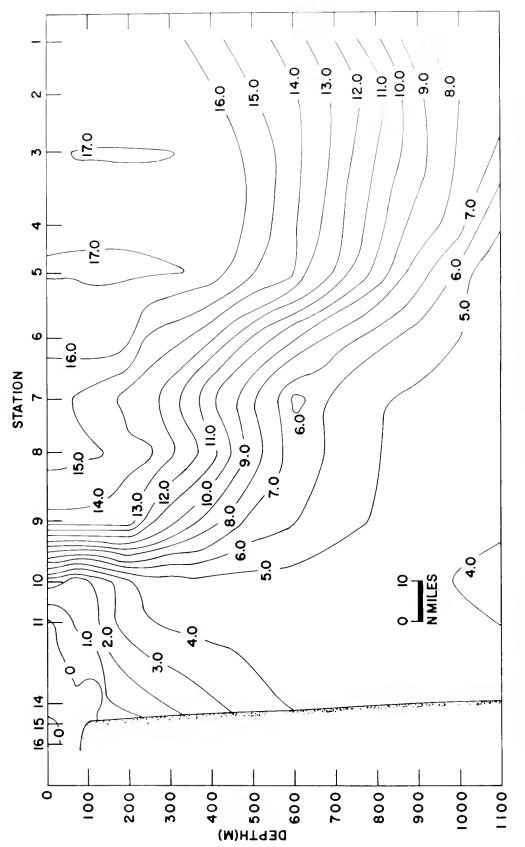


Figure 22. Vertical temperature (°C) profile for section A4 occupied by CGC DALLAS, 7-9 March 1971.



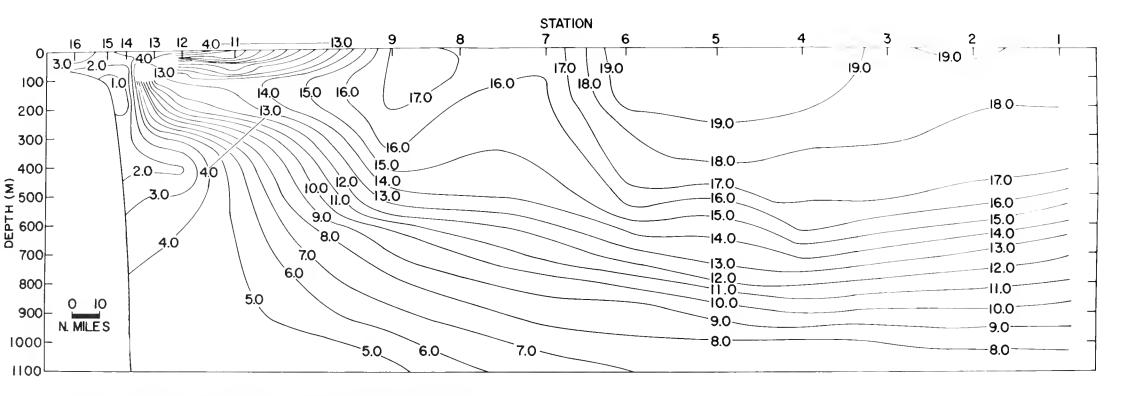


Figure 23. Vertical temperature ( C) profile for section  $\Lambda4$  occupied by CGC GALLATIN , 5–8 January 1972.



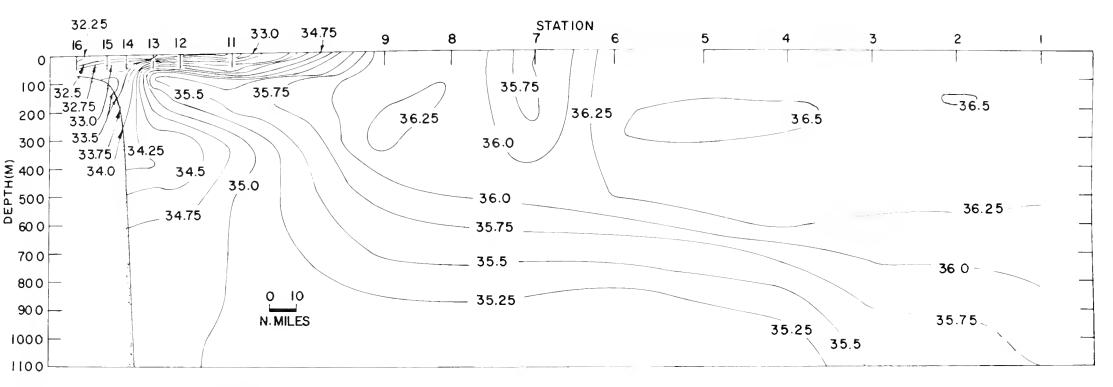


Figure 24. Vertical salinity (\*\* ...) profile for section A1 occupied by CGC GALLATIN, 5-8 January 1972.

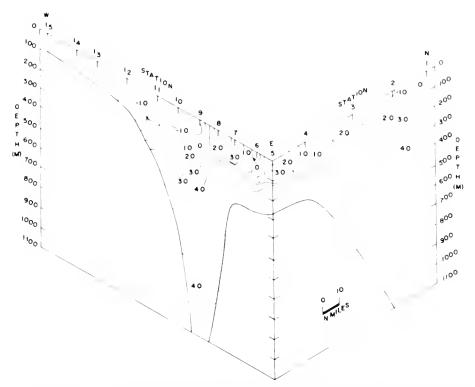


FIGURE 25. Vertical temperature (°C) profile for section A2 occupied by CGC EVERGREEN, 7-9 April 1972.

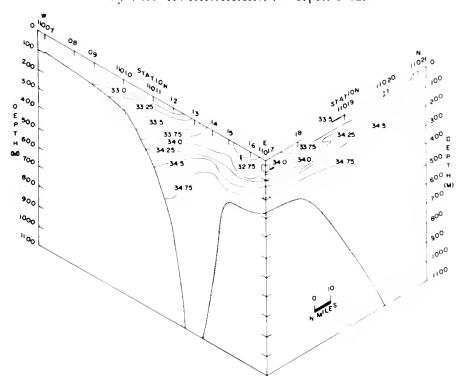


FIGURE 26. Vertical salinity ( 00) profile for section A2 occupied by CGC EVERGREEN, 7-9 April 1972.

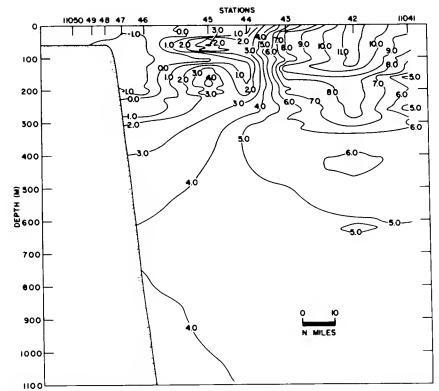


Figure 27. Vertical temperature (°C) profile for section A3 occupied by CGC EVERGREEN, 12 April 1972.

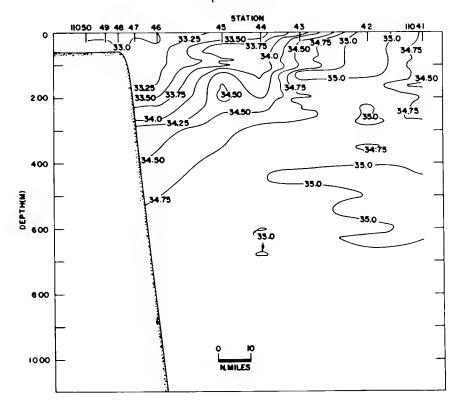


Figure 28. Vertical salinity (°/ $_{00}$ ) profile for section A3 occupied by CGC EVERGREEN, 12 April 1972.

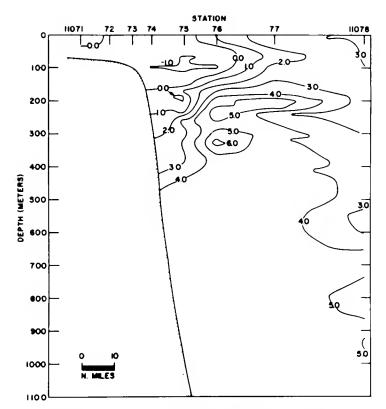


Figure 29. Vertical temperature (°C) profile for section A4 occupied by CGC EVERGREEN, 18 April 1972.

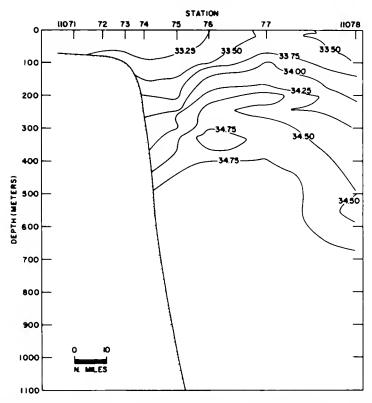


Figure 30. Vertical salinity (  $^{\circ}$   $_{\circ \circ}$ ) profile for section A4 occupied by CGC EVERGREEN, 18 April 1972.

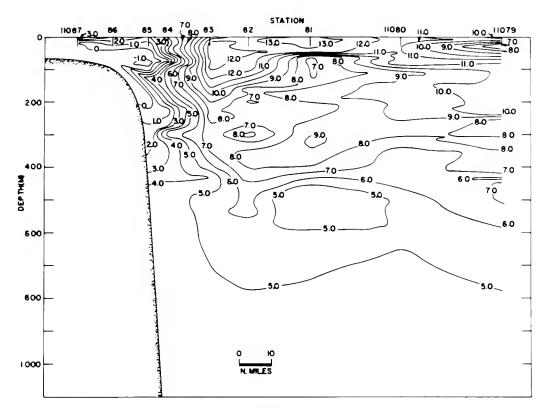


Figure 31. Vertical temperature (\*C) profile for section A4 occupied by CGC EVERGREEN, 9-10 May 1972.

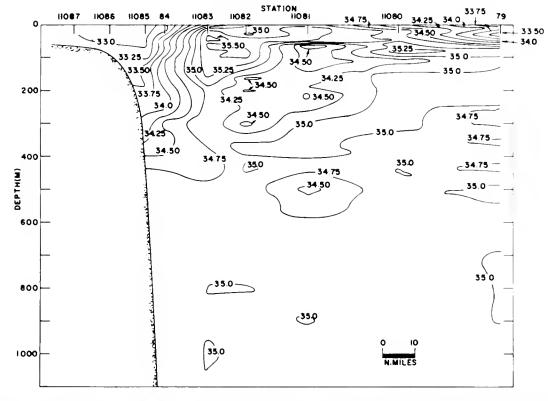


Figure 32. Vertical salinity (\*\*\* oo) profile for section A4 occupie dby CGC EVERGREEN, 9-10 May 1972.

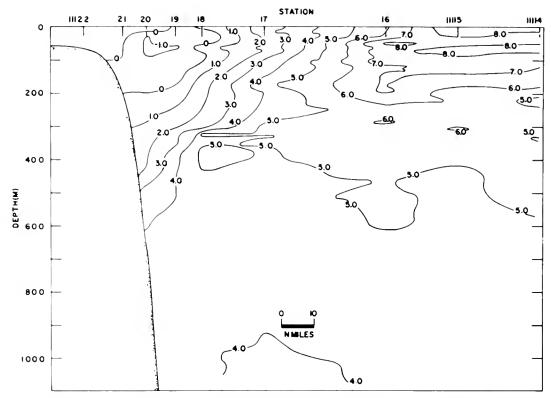


Figure 33. Vertical temperature (°C) profile for section A3 occupied by CGC EVERGREEN, 13-14 May 1972.

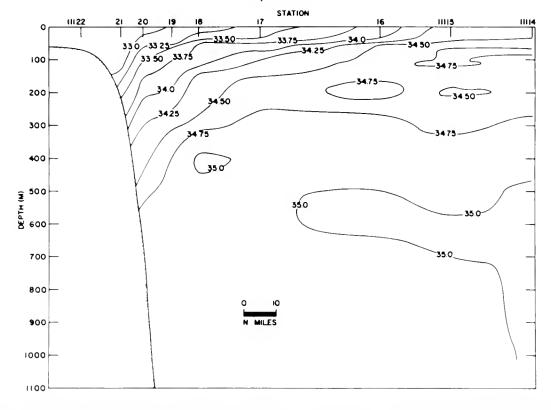


Figure 34. Vertical salinity (^/<sub>oo</sub>) profile for section A3 occupied by CGC EVERGREEN, 43-44 May 1972.

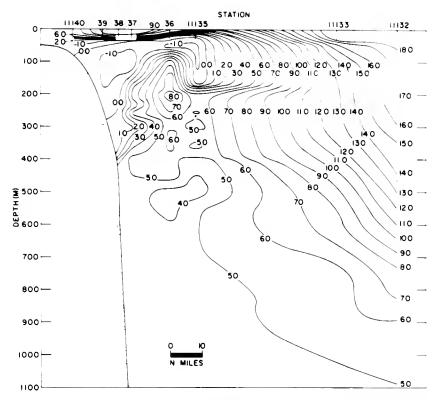


Figure 35. Vertical temperature (°C) profile for section A4 occupied by CGC EVERGREEN, 7

June 1972.

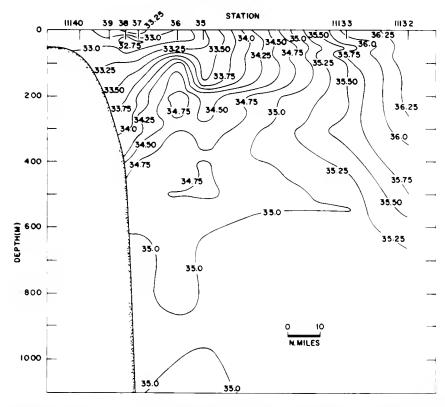


Figure 36. Vertical salinity ( $^{\circ}/_{\circ \circ}$ ) profile for section  $\Lambda 4$  occupied by CGC EVERGREEN, 7 June 1972,

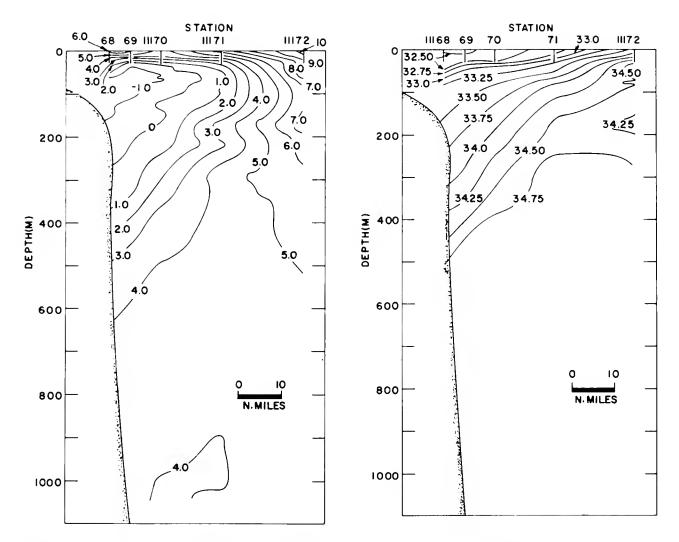


FIGURE 37. Vertical temperature (°C) profile for section A3 occupied by CGC EVER-GREEN, 16 June 1972.

FIGURE 38. Vertical salinity (°/<sub>00</sub>) profile for section A3 occupied by CGC EVERGREEN, 16 June 1972.

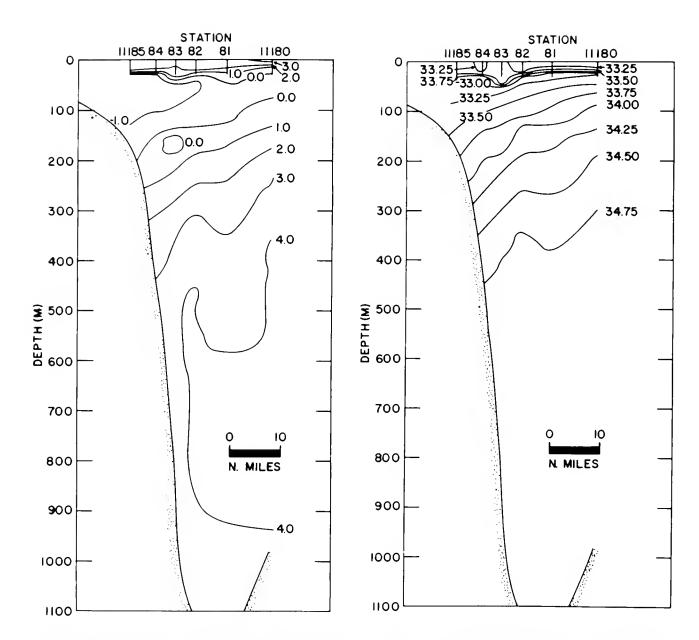


FIGURE 39. Vertical temperature (°C) profile for section A2 occupied by CGC EVER-GREEN, 18 June 1972.

FIGURE 40. Vertical salinity (°/<sub>00</sub>) profile for section A2 occupied by CGC EVERGREEN, 18 June 1972.

## TOPOGRAPHY FOR APRIL 49° 45°W 53°W 510 50°N 50°N 1000 meters 48° 970.9 970.9 46° 46° 971.0 971.1 44° 971.2 971.3 42°N 42°N 971.1 971.4 971.2

MONTHLY NORMAL DYNAMIC

Figure 41. April monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

49°

53°W

51°

45°W

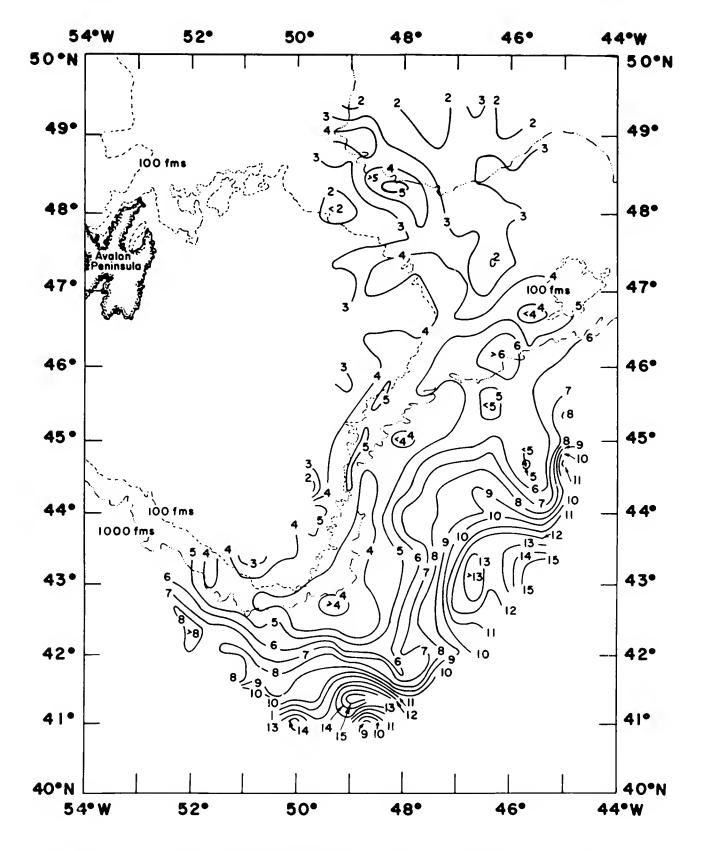


Figure 42. Field of standard deviation of dynamic height of the individual surveys from the April normal. Contour level is I dynamic centimeter.

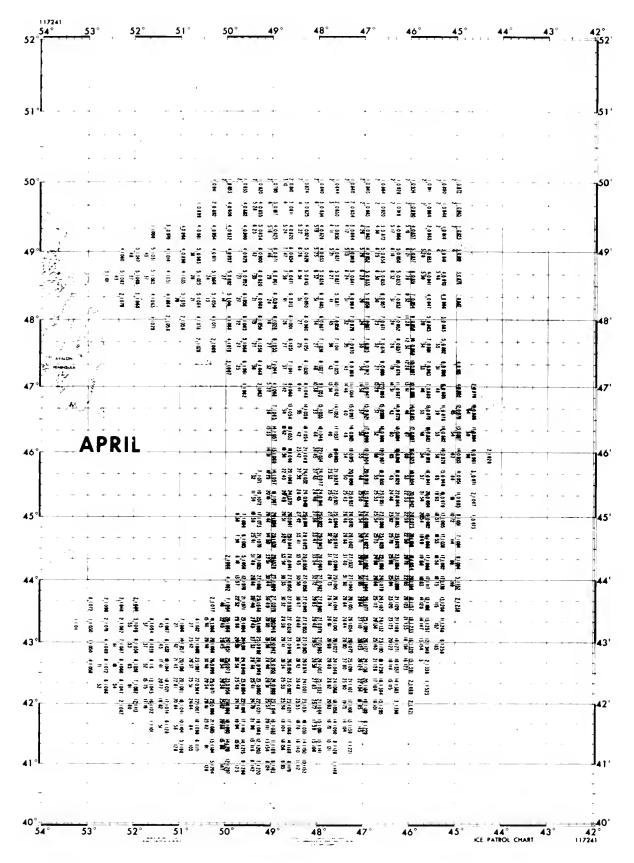


FIGURE 43. Numerical digest of data pertinent to the April normal dynamic topography.

## MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR MAY

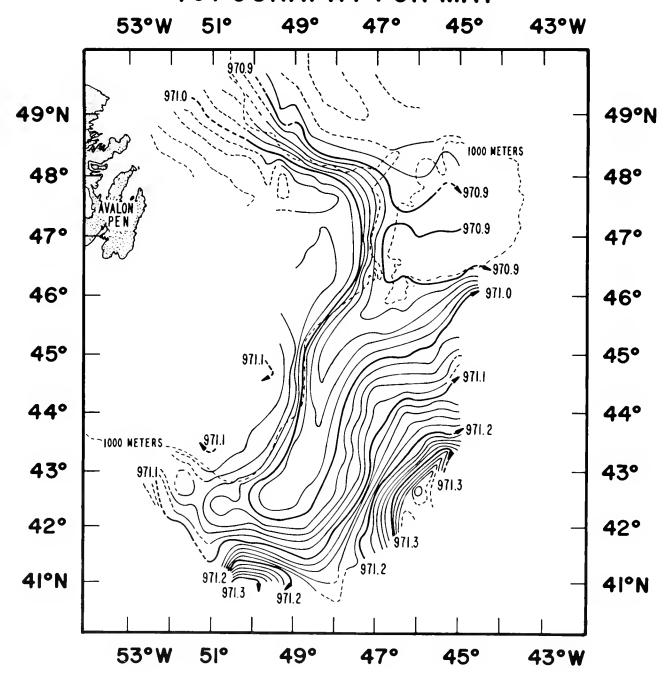


FIGURE 44. May monthly normal dynamic topography (dynamic meters of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

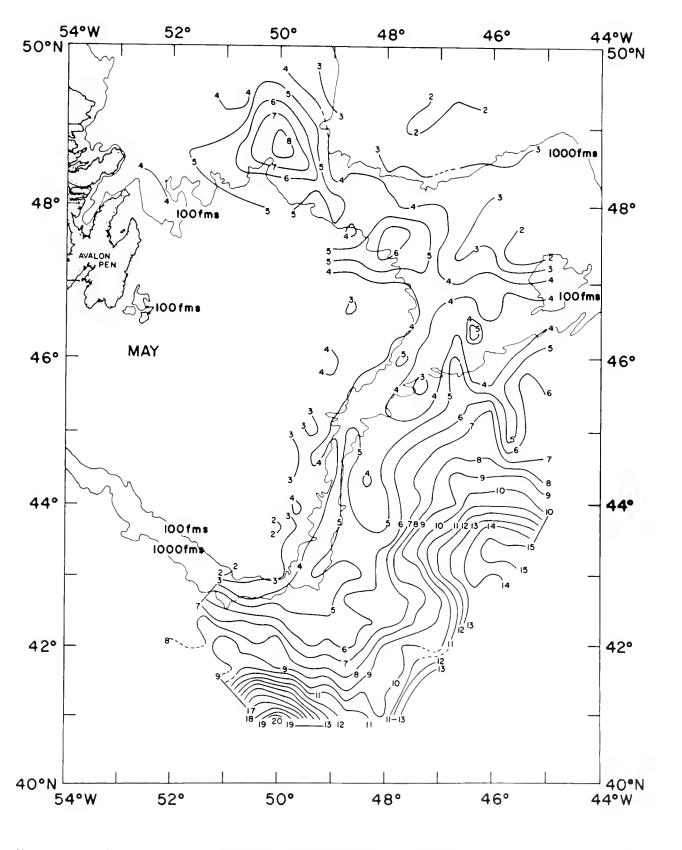


Figure 45. Field of standard deviation of dynamic height of the individual surveys from the May normal. Contour level is 1 dynamic centimeter.

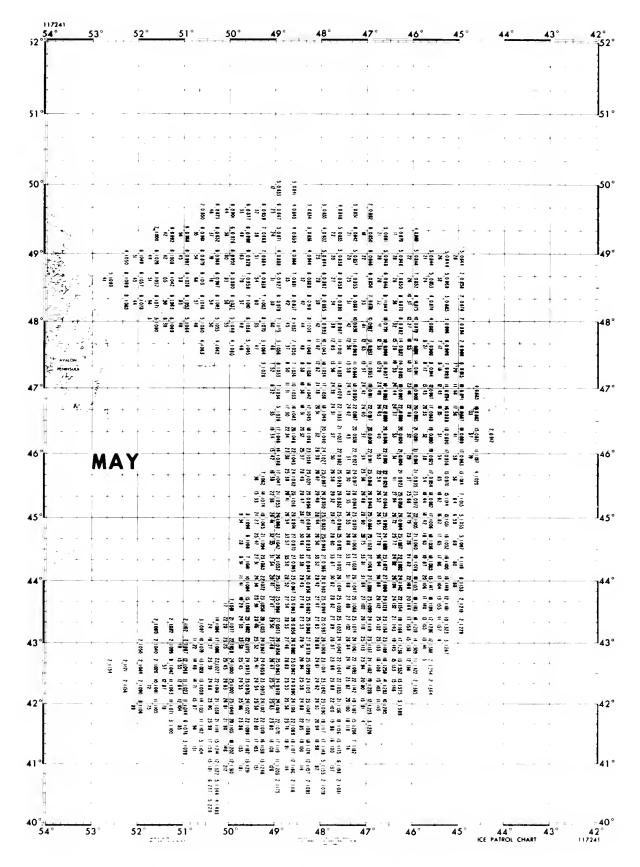


FIGURE 46. Numerical digest of data pertinent to the May normal dynamic topography.

## MONTHLY NORMAL DYNAMIC TOPOGRAPHY FOR JUNE

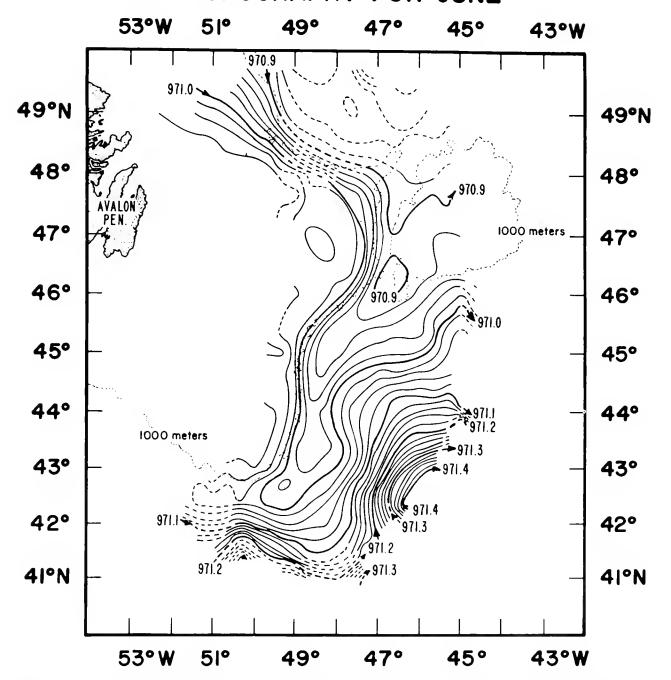


Figure 47. June monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

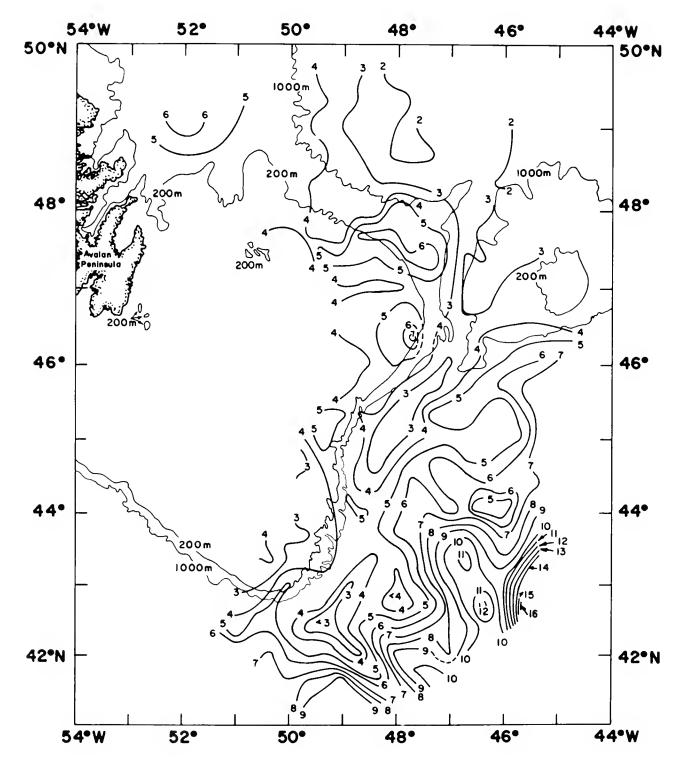


Figure 48. Field of standard deviation of dynamic height of the individual surveys from the June normal. Contour level is 1 dynamic centimeter.

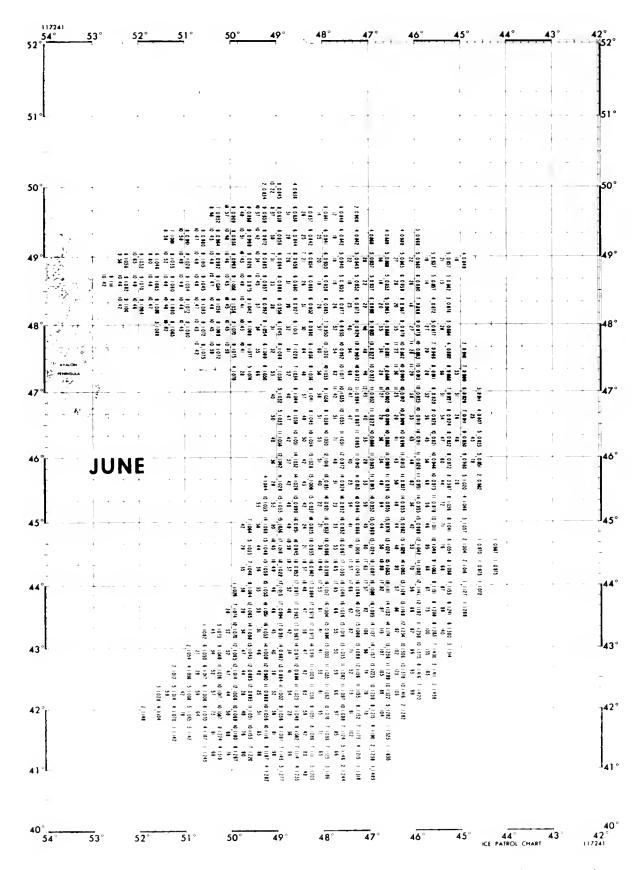


FIGURE 49. Numerical digest of data pertinent to the June normal dynamic topography.

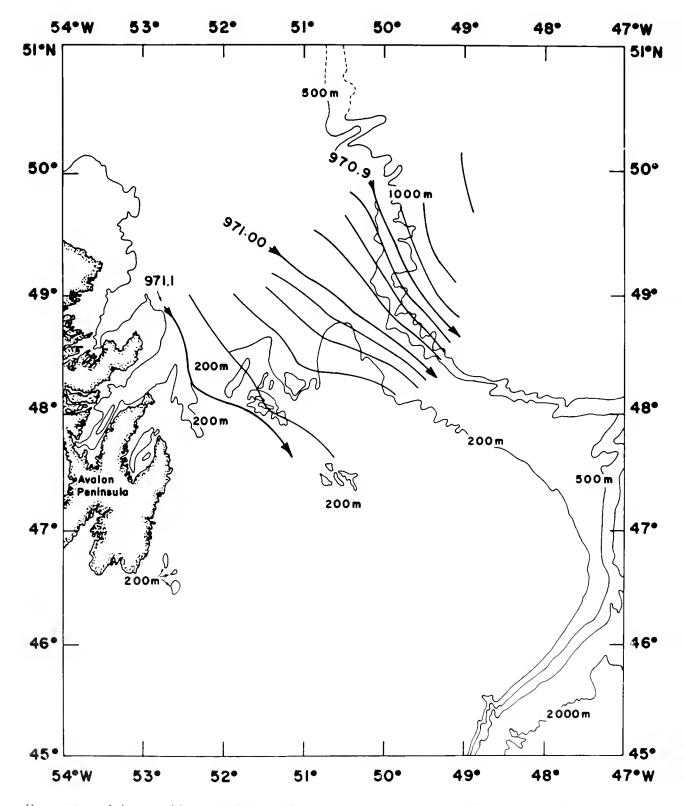


Figure 50. July monthly normal dynamic topography (dynamic meters) of the sea surface relative to the 1,000 decibar surface. Contour interval is 2 dynamic centimeters.

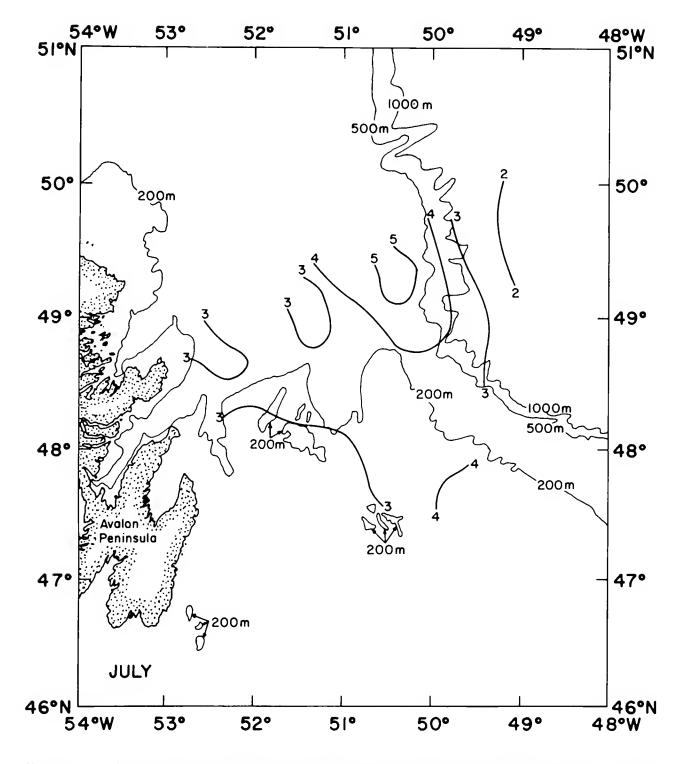


Figure 51. Field of standard deviation of dynamic height of the individual surveys from the July normal. Contour level is 1 dynamic centimeter.

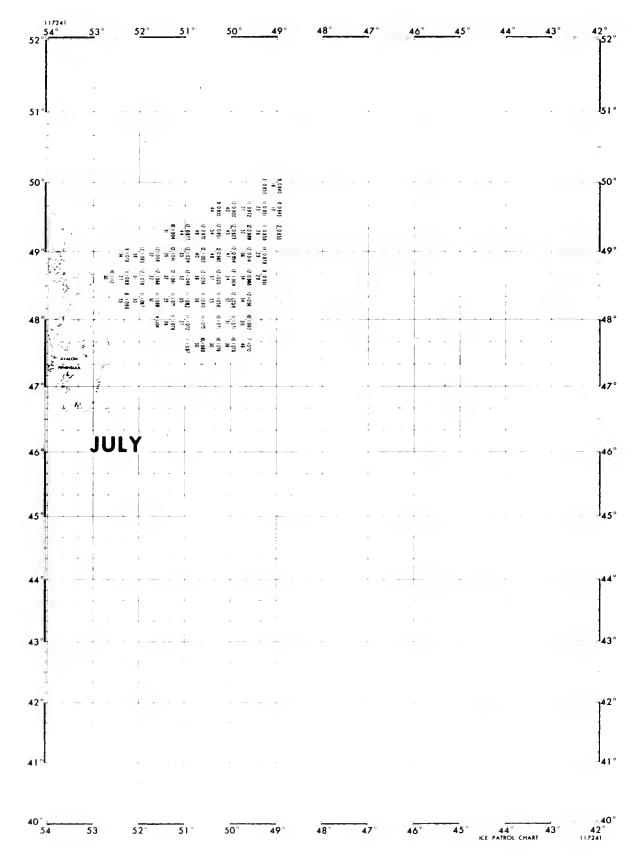


FIGURE 52. Numerical digest of data pertinent to the July normal dynamic topography.

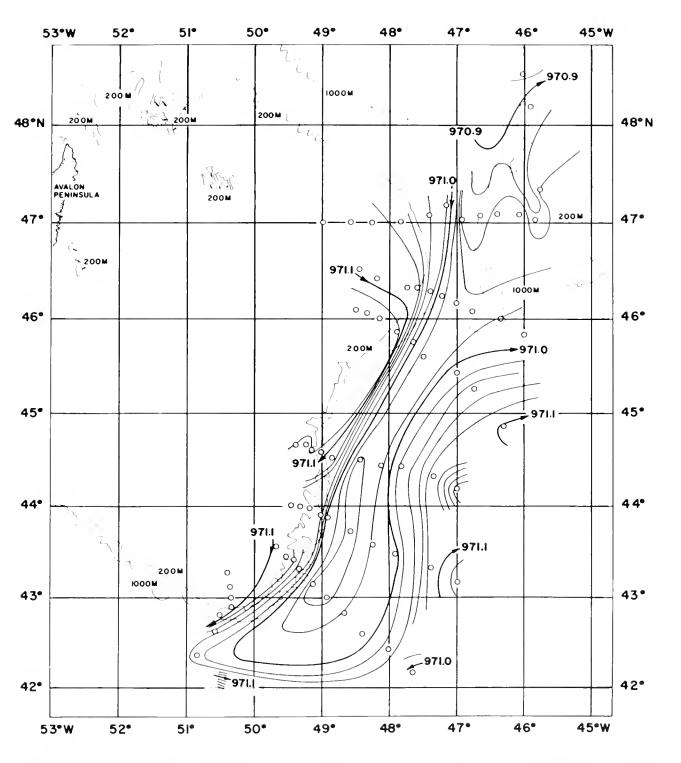


Figure 53. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 7-18 April 1972. Contour level is 2 dynamic centimeters.

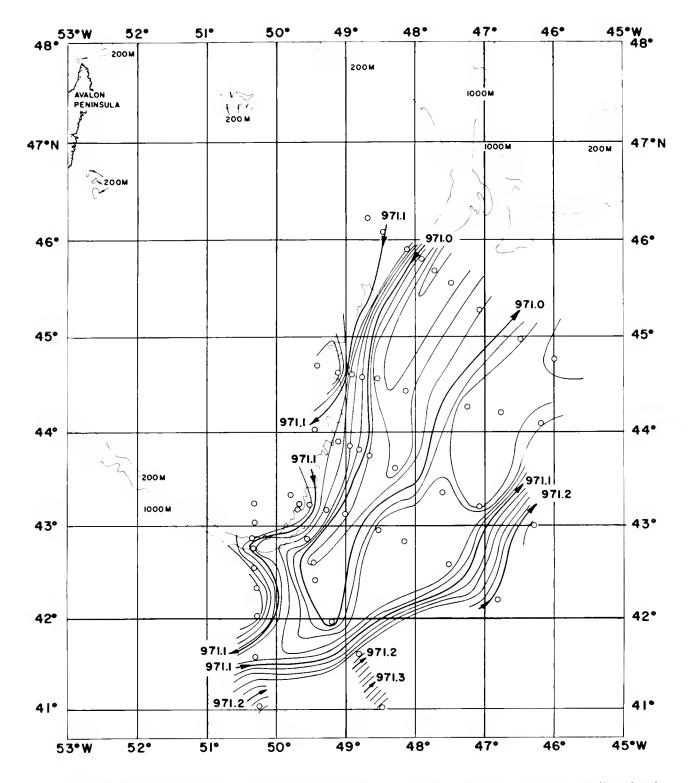


Figure 54. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 9-14 May 1972. Contour level is 2 dynamic centimeters.

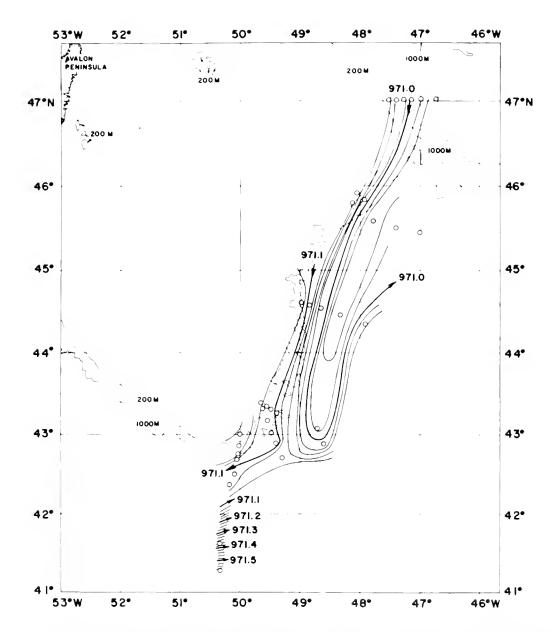
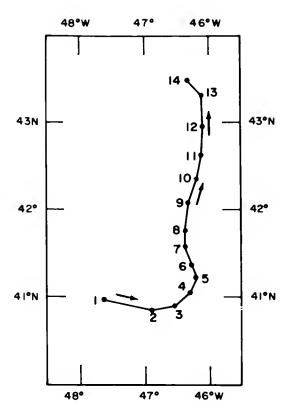


Figure 55. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 7-18 June 1972. Contour level is 2 dynamic centimeters.



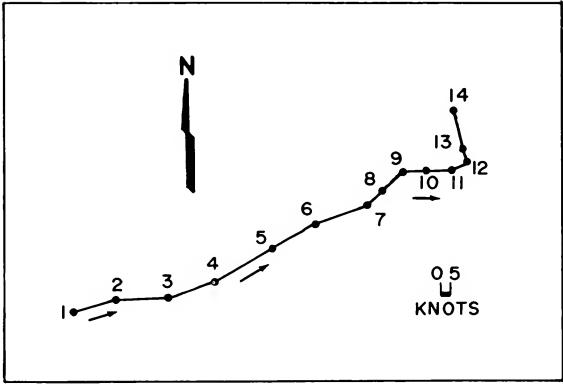


Figure 56. a. Drift of iceberg tracked from 5 to 11 May 1972 (Observations commenced 0500Z 5 May sample interval 12 hours). b. Progressive vector diagram of winds in vicinity of study iceberg (Observations commenced 0000Z 5 May--sample interval 12 hours).

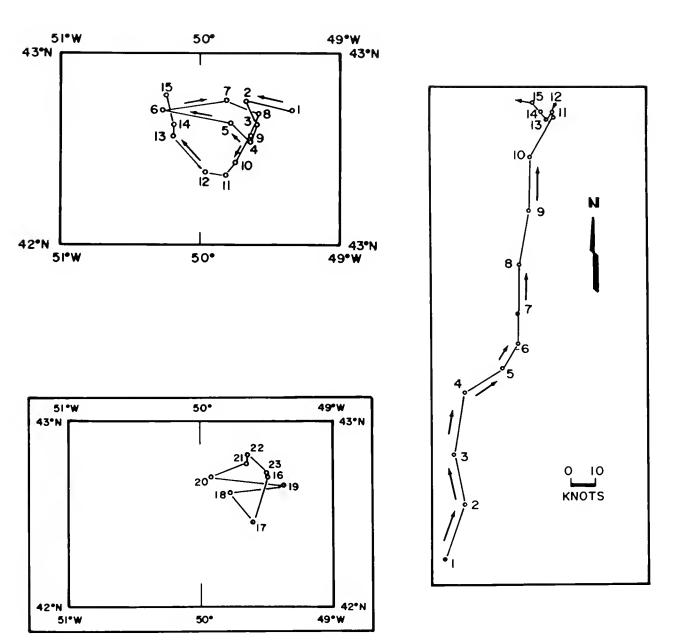


FIGURE 57. a. Drift of iceberg tracked from 8 to 15 June 1972 (Observations commenced 1200Z 8 June—sample interval 12 hours). b. Drift of iceberg tracked from 9 to 13 June 1972 (Observations commenced 1200Z 9 June—sample interval 12 hours). c. Progressive vector diagram of winds in the vicinity of the study icebergs (Observations commenced 1200Z 8 June—sample interval 12 hours).

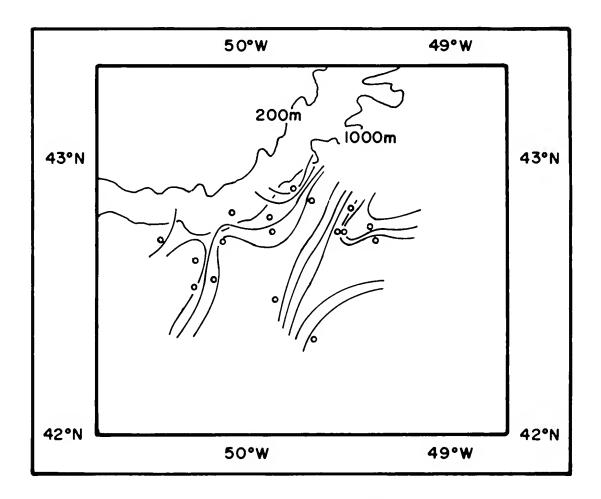


Figure 58. Sea surface dynamic topography (dynamic meters) relative to the 1,000 decibar level, CGC EVERGREEN 8-15 June 1972. Contour level is 2 dynamic centimeters.

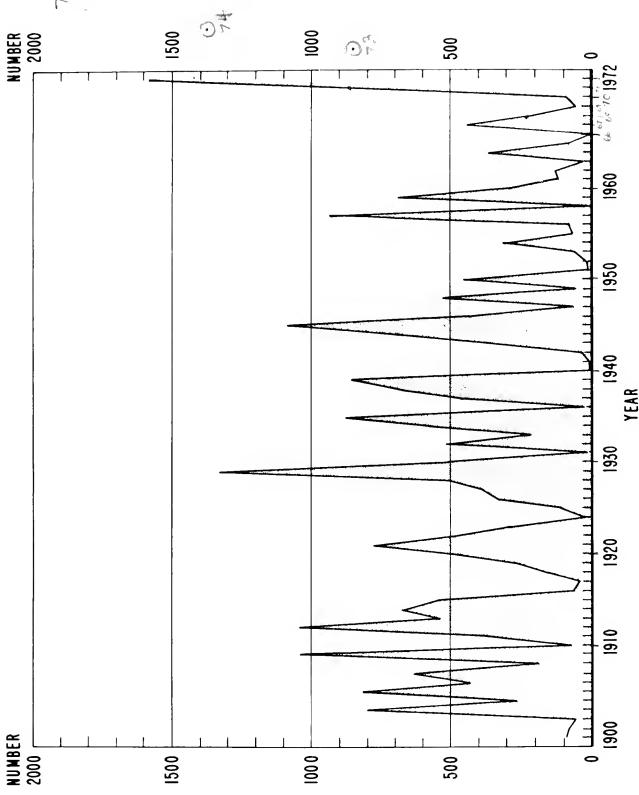


FIGURE 59. Number of icebergs per year which drifted south of  $48^{\circ}N$  (1900–1972).

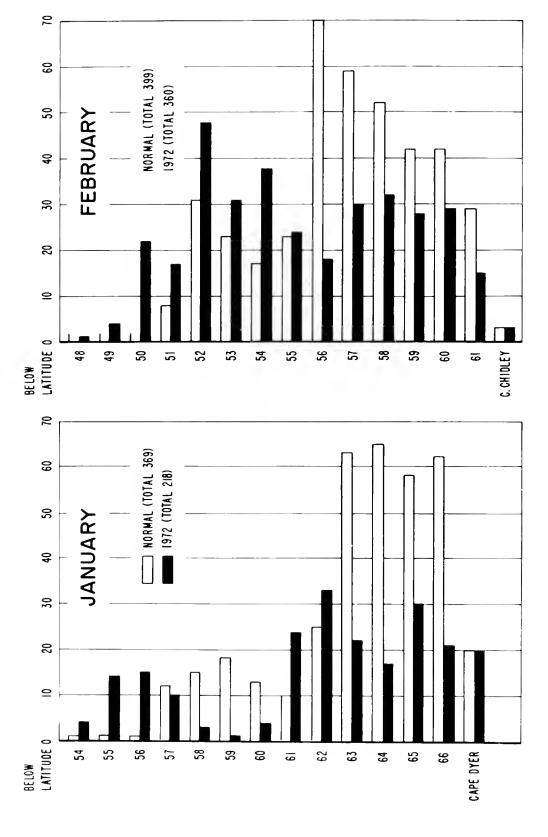


FIGURE 60. Icebergs sighted by January 1972 and February 1972 preseason reconnaissance flights.

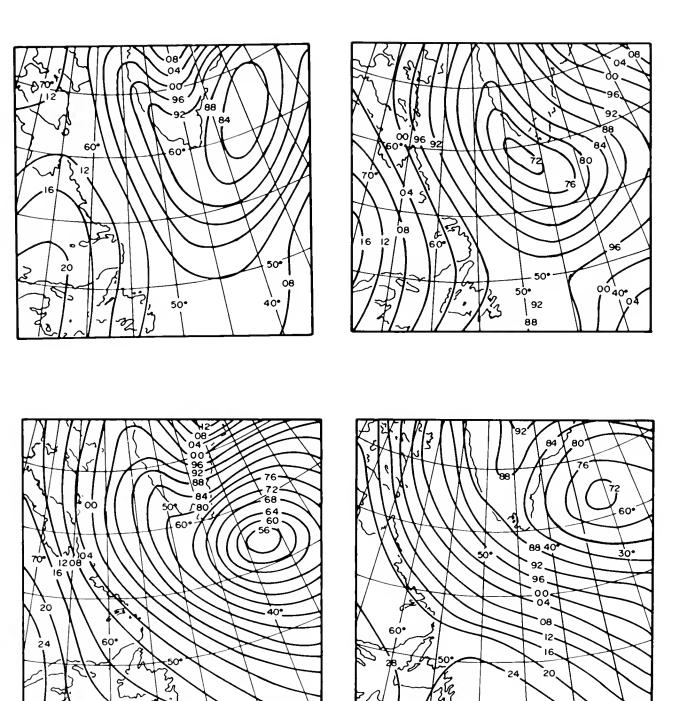


FIGURE 61. Four low pressure systems typical of conditions which existed during the winter of 1971-1972. a. 3 December 1971. b. 6 January 1972. c. 2 February 1972. d. 3 March 1972. Contour interval is 4 decibars.

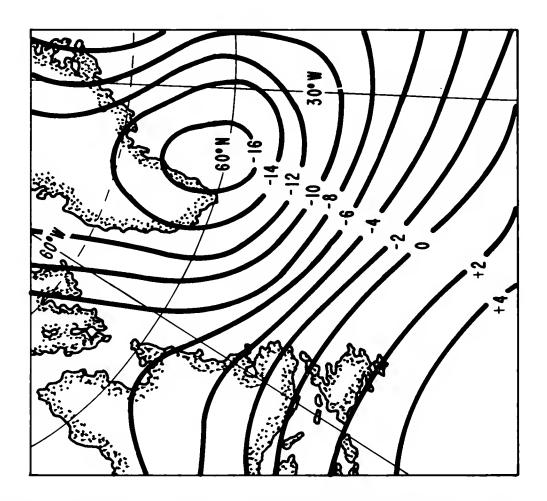


Figure 62. Surface pressure anomaly for January 1972 (after Sanderson, 1972). Contour interval 2 decibars.

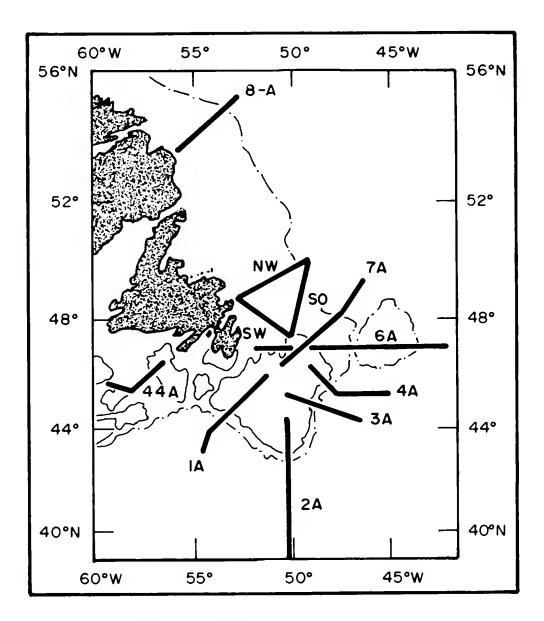


Figure 63. Standard Russian oceanographic sections near Newfoundland (after Burmakin).

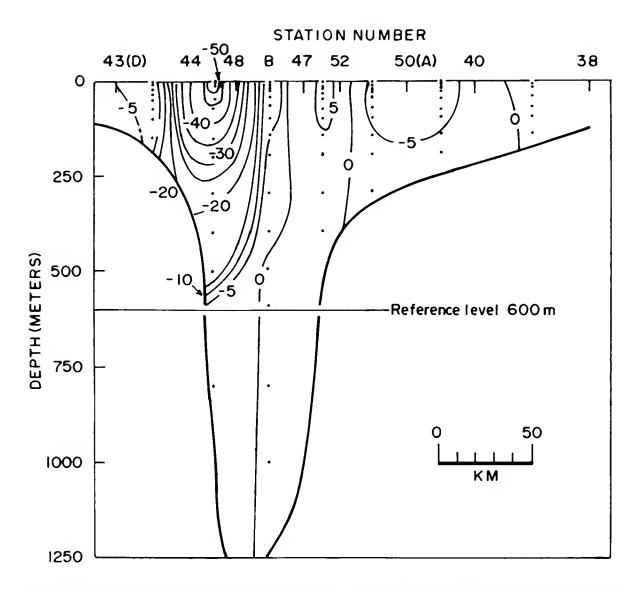


Figure 64. Vertical current (cm/sec) profile for the 17-18 April 1972 occupation of the Grand Banks-Flemish Cap Section (after Hill et al.). Positive numbers represent northerly flow.

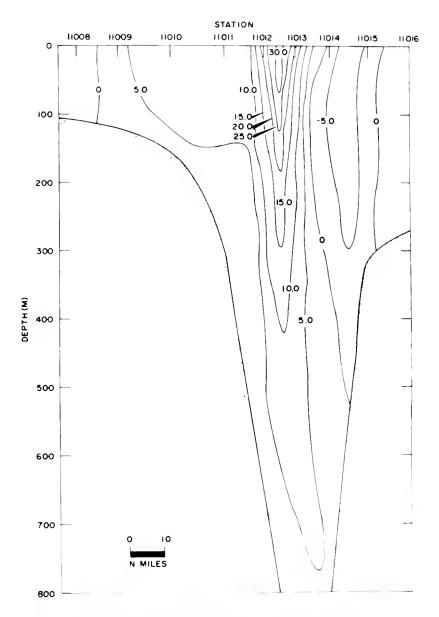


Figure 65. Vertical current (cm/sec) profile for the 7-9 April 1972 occupation of section  $\Delta 2$ . Positive numbers represent southerly flow.

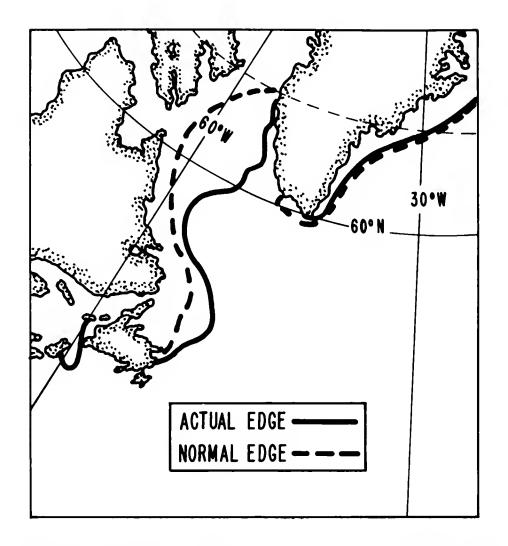


Figure 66. Normal sea ice edge compared with January 1972 sea ice edge (after Sanderson, 1972 b).

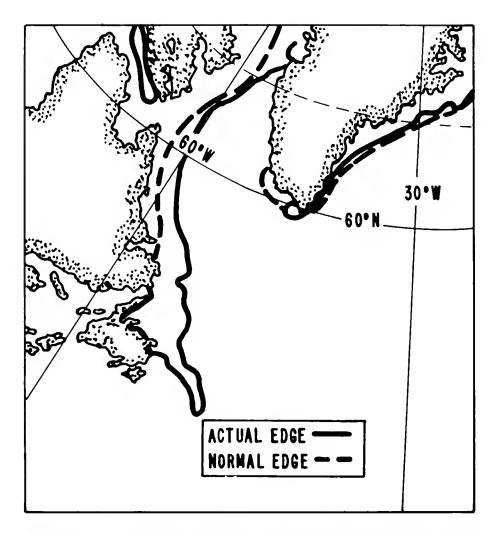


Figure 67. Normal sea ice edge compared with May 1972 sea ice edge (after Sanderson, 1972 c).

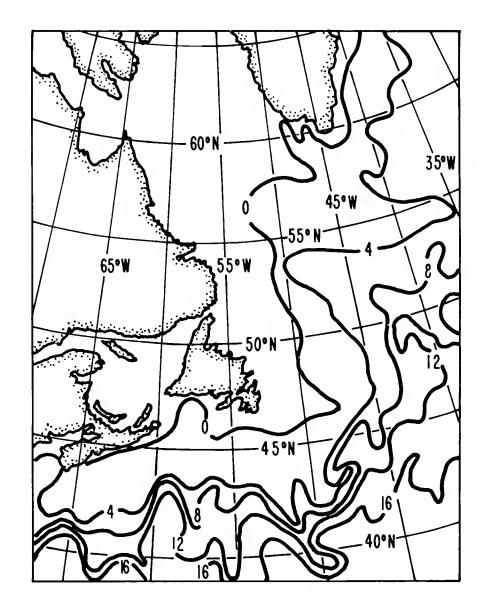


Figure 68. Mean sea surface temperatures (°C) for March 1972 (after Royal Meteorological Office, 1972 a).

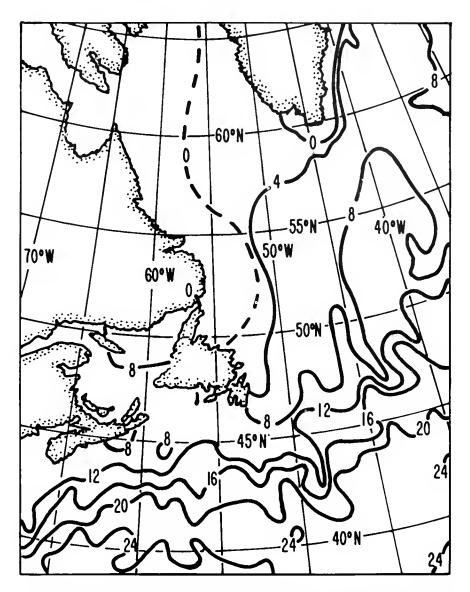


Figure 69. Mean sea surface temperature (°C) for June 1972 (atter Royal Meteorological Office, 1972 b).

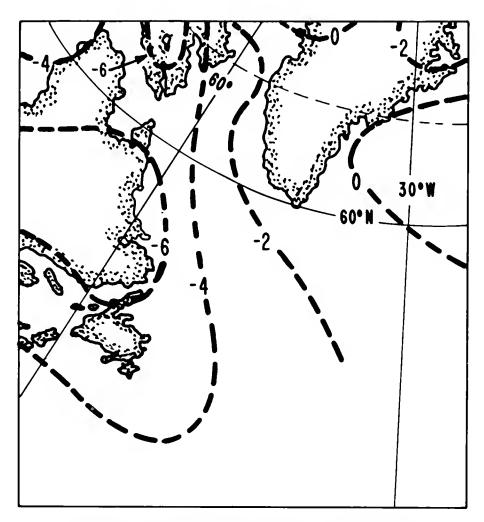


Figure 70. Air temperature anomaly for February 1972 (after Sanderson, 1972 B). Contour intervals 2 °C.

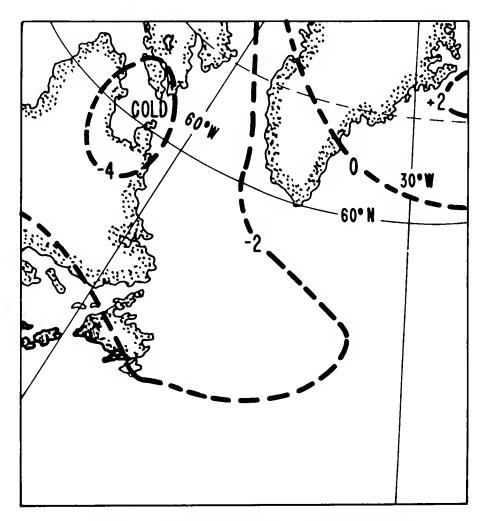


FIGURE 71. Air temperature anomaly for May 1972 (after Sanderson, 1972 c). Contour intervals 2 °C.

## APPENDIX A

## OCEANOGRAPHIC DATA

## Cruises Listed

Cruises	s Listed	
Table		Page
I.	CGC SHERMAN November 1972	80
II.	CGC SPENCER September 1972	85
III.	CGC GALLATIN March 1971	89
IV.	CGC CAMPBELL July 1971	95
v.	CGC CHASE August 1971	101
VI.	CGC DALLAS November 1971	107
VII.	CGC SHERMAN March 1972	114
VIII.	CGC SHERMAN August 1972	120
IX.	CGC GALLATIN December 1972	127
X.	CGC HAMILTON September 1972	132
XI.	CGC DALLAS March 1971	139
XII.	CGC GALLATIN January 1972	151
XIII.	CGC EVERGREEN April-June 1972	158
Codes	Utilized	

To facilitate use of the oceanographic station data listing, entry headings which are not self-explanatory are described below.

Latitude	Degrees and	minutes of latitude.
Longitude	Degrees and	minutes of longitude.
Depth to bottom	Uncorrected	soundings in meters.

## Wave observations:

DIR	Rounded to nearest multiple of 10 degrees.
HGT	Increments of ½ meter. Sum of 5 meters plus
	increments of ½ meters if 50 is added to direction.
PER	If numerals 2 through 9 are entered, period in sec-
	onds is either twice the numeric entry or 2X
	(numeric entry) $+1$ . $0=20$ or $21$ sec. $1=$ over $21$
	seconds. X=calm or not determined.
S In A	See state according to WMO Code 3700

5EA		Sea state	according to	WMO Code	5700.
Cod	e $E$	leight	Code	L	Height

0	0m	5	2.5– $4$ m
1	0 - 0.1 m	6	4– $6$ m
<b>2</b>	$0.1 - 0.5 \mathrm{m}$	7	6-9m
3	$0.5 - 1.25 \mathrm{m}$	8	9–14m
4	1.25 - 2.5 m	9	>14m

Code		Code	
0	Clear	5	Drizzłe
1	Partly cloudy	6	Rain
$\hat{2}$	Cont. layers of	7	Snow and rain
	clouds		and snow mixed
3	Blowing snow,	8	$\mathbf{Shower}(\mathbf{s})$
	sandstorm, etc.	9	Thunder-
4	Fog, haze, dust		$\mathrm{storm}(\mathrm{s})$
Cloud Code			
Туре	Cloud type ac	cording to WN	IO Code 0500.
Code	Type	Code	Type
0	Cirrus	5	Nimbostratus
1	Cirrocumulus	6	Stratocumulus
2	Cirrostratus	7	Stratus
3	Altocumulus	8	Cumulus
4	Altostratus	9	Cumulonimbus
Amount	Cloud amount indicates cloud	in eighths. I I amount could	Entry of the numeral ? I not be estimated.
Amount  Wind  Dir Speed	Cloud amount indicates cloudRounded to nWind speed inBarometric pr	in eighths. I d amount could earest multiple n knots.	Entry of the numeral 9 I not be estimated. • of 10 degrees.
Amount Wind Dir Speed Barometer	Cloud amount indicates cloudRounded to nWind speed inBarometric pr of millibars.	in eighths. I d amount could earest multiple n knots. ressure given in	Entry of the numeral 9 I not be estimated.  of 10 degrees.  n tens, units, and tenths
Amount  Wind  Dir  Speed  Barometer  Vis. Code	Cloud amount indicates cloud amount indicates cloud amount with the control of millibars.	in eighths. It amount could amount could earest multiple a knots. ressure given in ording to WMC	Entry of the numeral ? I not be estimated.  of 10 degrees.  tens, units, and tenths  O Code 4300.
Amount  Wind  Dir  Speed  Barometer  Vis. Code	Cloud amount indicates cloud amount indicates cloud amount with the control of millibarsVisibility according to the control of millibarsVisibility	in eighths. It amount could amount could earest multiple a knots. The ressure given in course ording to WMC Code	Entry of the numeral 9 I not be estimated.  For of 10 degrees.  The tens, units, and tenths  O Code 4300.  Visibility
Amount  Wind  Dir Speed  Barometer  Vis. Code  Code  0	Cloud amount indicates cloud amount indicates cloud amount. Rounded to n	in eighths. It is amount could amount could earest multiple is knots. The ressure given in cording to WMO Code  5	Entry of the numeral ? I not be estimated.  of 10 degrees.  n tens, units, and tenths  O Code 4300.  Visibility  2-4km
Amount  Wind  Dir Speed  Barometer  Vis. Code  Code  0 1	Cloud amount indicates cloud indicates cloud amount indicates cloud amount indicates cloud indicates are wind speed in Barometric proof millibars.  Visibility account to the control of t	in eighths. It is amount could amount could earest multiple in knots. The ressure given in cording to WMC Code  5 6	Entry of the numeral solution to be estimated.  For of 10 degrees.  The tens, units, and tenths  O Code 4300.  Visibility  2-4km 4-10km
Amount  Wind  Dir  Speed  Barometer  Vis. Code  Code  0 1 2	Cloud amount indicates cloud indicates cloud amount.  Rounded to n Wind speed in Barometric prof millibars.  Visibility account to the South Sou	in eighths. It amount could amount could earest multiple a knots. ressure given in ording to WMO Code  5 6 7	Entry of the numeral ? I not be estimated.  of 10 degrees.  tens, units, and tenths  O Code 4300.  Visibility  2-4km 4-10km 10-20km
Amount  Wind  Dir Speed  Barometer  Vis. Code  Code  0 1	Cloud amount indicates cloud indicates cloud amount indicates cloud amount indicates cloud indicates are wind speed in Barometric proof millibars.  Visibility account to the control of t	in eighths. It is amount could amount could earest multiple in knots. The ressure given in cording to WMC Code  5 6	Entry of the numeral solution to be estimated.  For of 10 degrees.  The tens, units, and tenths  O Code 4300.  Visibility  2-4km 4-10km
Amount  Wind  Dir  Speed  Barometer  Vis. Code  Code  0 1 2 3 4	Cloud amount indicates cloud indicates cloud amount indicates cloud amount indicates cloud indicates cloud indicates in which is a second in the second indicates in the second indicate indicates in the second indicates in the second indicates in the second indicates indicates indicates in the second indicates indicates in the second indicates in the second indicates in the second indicates in the second indicates indicates in the second indicates cloud indicates cloud indicates cloud indicates cloud indicates in the second	earest multiple a knots. ressure given in Code  Code  5  6  7  8  9	Entry of the numeral ? I not be estimated.  of 10 degrees.  o tens, units, and tenths  O Code 4300.  Visibility  2-4km  4-10km  10-20km  20-50km  50km or more
Amount  Wind  Dir  Speed  Barometer  Vis. Code  Code  0 1 2 3 4  Dyn. Ht	Cloud amount indicates cloud indicates cloud indicates cloud amount indicates cloud indicates cloud indicates cloud indicates in Endocate in Indicates in Indicates in Indicates in Indicates in Indicates in Indicates cloud indicates	earest multiple a knots. ressure given in ording to WMO  Code  5  6  7  8  9  cht in dynamic reference surfacturs and tenths	Entry of the numeral 9 I not be estimated.  of 10 degrees.  n tens, units, and tenths  O Code 4300.  Visibility  2-4km  4-10km  10-20km  20-50km  50km or more  meters with respect to
Amount  Wind Dir Speed Barometer  Vis. Code  Code 0 1 2 3 4  Dyn. Ht  Messenger time	Cloud amount indicates cloud indicates cloud indicates cloud amount indicates cloud indicates cloud indicates cloud indicates in Endocate in Indicates in Indicates in Indicates in Indicates in Indicates in Indicates cloud indicates	cin eighths. It amount could amount could earest multiple in knots.  ressure given in ording to WMO  Code  5 6 7 8 9 cht in dynamic reference surfactours and tenths inne for lowering to the course of the course o	Entry of the numeral 9 I not be estimated.  For 10 degrees.  The tens, units, and tenths  O Code 4300.  Visibility  2-4km  4-10km  10-20km  20-50km  50km or more  meters with respect to ce.  s of an hour. Indicates
Amount  Wind Dir Speed Barometer  Vis. Code  Code 0 1 2 3 4  Dyn. Ht  Messenger time  Depth  Temp	Cloud amount indicates cloud indicates cloud indicates cloud amount indicates cloud indicates cloud indicates cloud indicates in a construction of millibars.	earest multiple a knots. ressure given in ording to WMO  Code 5 6 7 8 9 cht in dynamic reference surfactours and tenths income for lowering to hundredths	of 10 degrees.  In tens, units, and tenths  O Code 4300.  Visibility  2-4km  4-10km  10-20km  20-50km  50km or more  meters with respect to ee.  s of an hour. Indicates ing the STD sensor.

Sig-t \_\_\_\_Sigma-t value.

Table I.-Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.

KEFIO 31 2136 CONSEC 0001 LAT 55 14.9N LONG 052 55.7W	MONT OAY	1972 H 11 11 18.8	BUTOP 03017 SHIP 1H DATA USE 1 AREA 05	AIR WET BARQ CLUU		ULR H O4 SEA CL/IR	ut PER 2 3	MINU-DIR U92-DNI MC3-DNIW P3HTA3W		TRAC	T NAN CE DI ATION G AL	4	ΔST	<b>5</b> 2	N SO 1407 SQUARE 3 SQUARE 42 SQUARE 52	}
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXY G	P)4	ror	P N	102	NO3	\$103	РН	
18.8	ST0 085	00000	00.54	33.48 33.482	26.88 26.88	00.000	1449.7									
	STO	00010	00.54	33.50	20.88	00.012	1450.0									
18.8	5 <b>7</b> 0 085	00020 00022	00.63	33.51 33.511	26.89 26.89	00.024	1450.4									
	\$10	00030	00.92 01.27	33.56 33.650	26.91 26.97	00.035	1452.0									
18.8	08 S S T D	00050	01.31	33.71	27.01	00.057	1454.3									
18.8	08 S S T O	00066 00075	01.44 01.50	33.828	27.10 27.11	00.083	1455.3									
18.8	UBS	00089	01.64	33.909	27.15		1456 .6									
	\$10 \$10	00100 00125	01.81 02.23	34.05 34.30	21.42 21.42	00.105 00.124	1457.8									
18.8	085	00133	02.37	34.373	27.46 27.51	00.140	1461.2									
18.8	51D J85	00150 00182	03.34	34.47 34.635	27.58		1460.0									
	STO	00200 00250	03.54 03.98	34.67 34.75	27.59 27.61	00.168	1467.8									
18.8	085	00272	04.11													
18.8	STO UBS	00100	04.16 04.24	34.82 34.880	27.65 27.69	00.219	1472.2									
	STO	00400	04.24	34.89	27.70	00.265	1474.3									
18.8	28U 012	00459 00500	04.24 04.19	34.910 34.91	27.71 27.71	00.310	1475.8									
18.8	08 S 0 T Z	100551 00600	04.14 04.13	34.906 34.91	21.12 21.12	00.354	1476.4									
	510	00700	04.10	34.91	27.73	00.398	1478.7									
18.8	08.S STD	00736 00800	04.09 04.05	34.914 34.92	21.13 21.13	00.443	1479.3									
	510	00900	04.00	34.92	27.74	00.488	1481.6									
18.8 18.8	085 085	009 <i>21</i> 101410	03.98	34.918 34.930	21.74 21.78		1482.0									
	5 T O 5 T O	01500 01750	03.62 03.41	34.93 34.94	21.19 21.82		1490.1 1493.5									
	STO	02000	03.17	34.94	27.84		1496 • 7									
20.5	υθ S S10	102103 02500	03.07 02.87	34.945 34.94	27.86 27.87		1498.1 1504.0									
20.5	085	02650	02.47	34.927 34.919	27.90 27.91		1504.8									
20.5 20.5	280 280	T02710	02.26 02.09	34.913	27.92		1505.9									
					• • • • •		•									
					*****		•									
REFIO 31 2136 CONSEC 0002 LAT 55 07 N LUNG 053 10 H	YEAR MONT OAY	1 1972 TH 11 11 1 23.3	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05	BARO			UT PER	WIND-DIR WIND-SPO WINO-FOR WEATHER	13	TR A OUR	CE DI	ASEN ( IR N I 009	AST	5 2	N SQ 140 SQUARE SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N	YEAR MONT OAY HOUR	t 1972 'H 11 11	BUTOP 02469 SHIP 1H OATA USE 1	WET BARO	TEMP 00.0 BULB -01.8 METH 1029.3	OIR H OG SEA	UT PER	WIND-SPO WINO-FOR	- X7	TR A OUR	CE DI ATLUI G AI	LR N	TZAST	5 2	SQUARE 4	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N	YEAR MONT OAY HOUR	1 1972 'H 11 11 1 23.3	BUTOP 02469 SHIP 1H OATA USE I AREA 05	WET BARO CLOU	TEMP 00.0 8018 -01.9 METH 1029.3 0 T/A 6/8	OLR H O6 SEA CL/TR	OF PER	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI ATLUI G AI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N	YEAR MONT OAY HOUR LVLTYP STD OBS	1972 H 11 11 23.3 DEPTH	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05 TEMP U1.06 01.06	WET BARO CLOU SAL 33.64 33.645	TEMP 00.0 8ULB -01.9 METH 1029.3 0 T/A 6/8 SIGMA-T 26.98	OIR H 06 SEA CL/TR OYNDPTH GU.000	SND VEL 1452+2 1452+2	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI ATLUI G AI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N CASINUM/TIME	YEAR MONT DAY HOUR LYLTYP STD OBS STO STO	1972 H 11 11 12 23-3 DEPTH 00000 00010 00010	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05 TEMP 01.06 01.06 01.26	WET BARO CLOU SAL 33.64 33.645 33.68 33.71	TEMP 00.0 BULB -01.9 METH 1029-3 0 T/A 6/8 S1GMA-T 26.98 26.98 27.00	DIR H JO SEA CL/TR	SNO VEL 1452-2 1452-2 1453-3 1454-2	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI ATLUI G AI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASINUM/TIME	YEAR MONT OAY HOUR LVLTYP STD OBS STO	1 1972 H 11 11 1 2 23-3 DEPTH 000 00 00010	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05 TEMP U1.06 01.06 01.26 01.41	SAL 33-64 33-64 33-64 33-71 33-728	TEMP 00.0 BULB -01.8 METH 1024.3 0 T/A 6/8 S13MA-T 26.98 25.99 27.00 27.01	OIR H O6 SEA CL/TR OYNDPTH OU-000 O0-U11 U0-022	SNO VEL 1452+2 1453+3	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N CASINUM/TIME	YEAR MONT OAY HOUR STD OBS STO OBS STO OBS	E 1972 H 11 11 23.3 DEPTH 00000 00010 00010 00025 00030 00040	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05 TEMP U1.06 01.00 01.26 01.41 01.48 01.54	SAL  33.64  33.64  33.68  33.71  33.72  33.72  33.75  33.802	TEMP 00.0 BULB -01.9 METH 1024.3 0 T/A 6/8 \$15MA-T 26.98 26.98 27.00 27.01 27.02 27.02 27.02	OIR H 06 SEA CL/TR OYNDPTH 00.000 00.011 00.022	SNO VEL 1452-2 1452-2 1452-2 1453-3 1454-2 1455-0 1455-3	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASINUM/TIME 23.3	YEAR MONT OAY HOUR LYLTYP STD OBS STD OBS STD OBS STD OBS STD OBS	1972 H 11 11 123.3 UEPTH 00000 00010 00025 00030 00046 00050 00070	BUTOP 02469 SHIP 1H 0ATA USE 1 AREA 05 TEMP U1.06 01.06 01.26 01.41 01.48 U1.54 01.65 01.59	SAL  33.64  33.64  33.645  33.65  33.71  33.728  33.73  33.802  33.875	TEMP 00.0 80L8 -01.9 METH 1029.3 0 T/A 5/8 S1GMA-T 26.98 26.98 27.00 27.01 27.02 27.06 27.07 27.07	OTR H 06 SEA CL/TR OYNDPTH 00.000 00.011 00.022 00.032	SND VEL 1452-2 1452-2 1453-3 1454-0 1455-0 1455-3 1455-1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 3L 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASTNUM/TIME 23.3 23.3 23.3	YEAR MONT OAY HOUR STD OBS STD	DEPTH 00000 00010 00020 00025 00030 00050 00071 00075	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP U1.06 01.06 01.26 01.41 01.48 01.54 01.65 01.59 01.52	SAL  33.64 33.64 33.64 33.71 33.72 33.81 33.75 33.80 33.81 33.875 33.93	TEMP 00.0 BBULB -01.8 METH 1024.3 0 T/A 6/8 S13MA-T Z6.98 Z6.98 Z9.99 Z7.00 Z7.01 Z7.02 Z7.07 Z7.07 Z7.03	OIR H 06 SEA CL/TR OYNDPTH 00.000 00.011 00.022	SND VEL 1452-2 1453-3 1454-2 1455-0 1455-0 1455-7 1455-1 1455-1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFID 3L 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASTNUM/TIME 23.3 23.3	YEAR MONT OAY HOUR STD OBS STO OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD	DEPTH 00000 00010 00010 00025 00030 00011 00075 00075 00075 00075 00075 00075 00075	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP U1.06 01.06 01.46 01.48 01.54 01.65 01.59 01.57 01.82 02.00	MET BARO CLOW  SAL  33.64 33.645 33.71 33.802 33.75 33.81 33.875 33.81 34.140 34.21	TEMP 00.0 BULB -01.9 METH 1029.3 0 T/A 6/8 S1GMA-T 26.98 26.98 27.00 27.01 27.02 27.02 27.03 27.17 27.13 27.17 27.32 27.30	OTR H 06 SEA CL/TR OYNDPTH 00-000 00-011 00-022 00-053 00-076 00-097	SNO VEL 1452-2 1452-2 1453-3 1454-6 1455-0 1455-1 1455-1 1455-1 1455-1 1455-1 1455-1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 3L 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASTNUM/TIME 23.3 23.3 23.3	YEAR MONT OAY HOUR LYLTYP STD OBS STO OBS STD OBS STD OBS STD OBS	1972 H 11 11 12 23-3 DEPTH 00000 00010 00025 00030 00046 00050 00075 00075	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05 TEMP 01.06 01.26 01.41 01.48 01.54 01.65 01.59 01.52	SAL  33.64 33.64 33.645 33.68 33.71 33.72 33.75 33.802 33.875 33.875 33.875 33.875	TEMP 00.0 BULB -01.9 METH 1029.3 0 T/A 6/8 S1GMA-T 26.98 26.98 27.30 27.01 27.02 27.07 27.13 27.17 27.13	OTR H 06 SEA CL/TR OYNDPTH 00-000 00-011 00-022 00-053 00-076	SND VEL 1452.2 1452.2 1453.3 1454.6 1455.3 1455.1 1456.1 1456.1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 3L 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASTNUM/TIME 23.3 23.3 23.3 23.3	YEAR MONT DAY HOUR STD OBS STO OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD	DEPTH 11 11 12 23-3 DEPTH 00000 00010 00020 00020 00025 00030 00050 00071 00075 0007	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP U1.06 01.06 01.41 01.48 01.54 01.65 01.59 01.57 01.82 02.00 02.53 02.81 03.05	SAL  33.64 33.64 33.72 33.72 33.72 33.80 33.80 33.81 33.87 33.87 33.87 33.87 33.87 33.87 33.87 34.41	TEMP 00.0 BBUL 8 -01.9 METH 1024.3 0 T/A 6/8  \$15MA-T  26.98 25.99 27.00 27.01 27.02 27.02 27.17 27.13 27.17 27.30 27.46 27.53	OTR H 06 SEA CL/TR OYNDPTH 00-000 00-011 00-022 00-053 00-076 00-097	SNO VEL 1452-2 1452-2 1453-3 1454-2 1455-0 1455-1 1455-1 1455-1 1455-1 1456-1 1456-1 1456-1 1456-1 1456-1 1456-1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 3L 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N CASINUM/TIME 23.3 23.3 23.3 23.3	YEAR MONT OAY HOUR STD OBS STD	DEPTH 00000 00010 00010 00025 00030 0015 00159 00159 00150 10015	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP U1.06 01.00 01.26 01.41 01.48 01.54 01.65 01.59 01.52 02.00 02.53 02.81 03.05 03.68	SAL 33.64 33.64 33.65 33.71 33.72 33.802 33.73 34.140 34.140 34.57 34.73 34.73 34.73	TEMP 00.0 BULB -01.9 METH 1024.3 0 T/A 6/8  \$13MA-T 26.98 26.98 27.00 27.01 27.02 27.06 27.07 27.13 27.17 27.32 27.36 27.63 27.63 27.63 27.63 27.63	OIR H	SNO VEL 1452.2 1452.2 1453.3 1454.6 1455.0 1455.1 1456.1 1457.6 1458.1 1456.1 1456.1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 3L 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASTNUM/TIME 23.3 23.3 23.3 23.3	YEAR MONTO OAY HOUR STO OBS	1972 H 11 11 123.3 DEPTH 00000 00010 00025 00030 00046 00050 00075 00075 00075 00125 00100 00125 00100	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP 01.06 01.26 01.41 01.48 01.54 01.65 01.57 01.82 02.00 02.53 02.81 03.05 03.68 03.81	SAL  33.64 33.64 33.65 33.71 33.802 33.75 33.802 33.41 34.507 34.731 34.76 34.73	TEMP 00.0 BULB -01.9 METH 1029.3 0 T/A 0/8  S1GMA-T  20.98 26.98 26.99 27.00 27.01 27.02 27.07 27.13 27.17 27.32 27.48 27.53 27.64 27.63 27.64 27.66	OTR H 06 SEA CL/TR OYNDPTH 00-000 OO-011 OO-022 OO-053 OO-076 OO-077 OO-114	SND VEL  1452-2  1452-2  1453-3  1454-6  1455-3  1455-1  1455-1  1456-1  1456-1  1466-1  1460-1  1460-7  1468-7  1468-7	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 3L 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASTNUM/TIME 23.3 23.3 23.3 23.3 23.3 23.3	YEAR MONT DAY HOUR STD OBS STD	DEPTH 11 11 12 23-3 DEPTH 00000 00010 00020 00020 00025 00030 00125 00139 00150 00125 00200 00125 00200 00125 00200 00125 00200 00250 00278 00200 00278 00300 00278 00300 00278 00300 00278 00300 00278 00300 00278 00300 00278 00300 00300 00300 00278 00300 00278 00300 00278 00300 00278 0030000 003000000	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP U1.06 01.06 01.41 01.48 01.54 01.65 01.57 01.52 02.00 02.53 02.81 03.05 03.68 03.81 04.12 04.23	SAL  33.64 33.64 33.65 33.71 33.802 33.75 33.802 33.41 34.97 34.75 34.73 44.73 44.73 44.73 44.73 44.73	TEMP 00.0 METH 1024.3 0 T/A 6/8  \$15MA-T 26.98 26.98 29.99 27.00 27.01 27.02 27.02 27.17 27.13 27.17 27.32 27.48 27.56 27.63 27.64 27.66	OIR H	SNO VEL 1452-2 1452-2 1453-3 1454-7 1455-0 1455-1 1455-1 1455-1 1455-1 1455-1 1456-1 1466-1 1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N CASTNUM/TIME 23.3 23.3 23.3 23.3 23.3 23.3 23.3	YEAR MONTO OAY HOUR STD OBS STO OBS ST	DEPTH 11 11 12 23.3 DEPTH 00000 00010 00020 00020 00015 00030 00015 00015 00150 00011 100075 00130 00150 001	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP U1.06 01.00 01.26 01.41 01.48 01.59 01.57 01.82 02.00 02.53 02.81 03.05 03.68 03.81 04.12 04.23 04.22	SAL  33.64 33.64 33.65 33.71 33.80 33.75 33.80 33.81 33.87 33.81 34.14 34.57 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.83 34.86 34.86 34.86 34.86	TEMP 00.0 BULB -01.9 METH 1024.3 0 T/A 6/8  \$13MA-T  26.98 26.98 27.90 27.01 27.02 27.06 27.07 27.13 27.17 27.32 27.36 27.66 27.66 27.66 27.66 27.66 27.66 27.66 27.67 27.16	OTR H 06 SEA CL/TR OYNOPTH 00.000 00.011 00.022 00.032 00.053 00.076 00.114 00.128 00.154 00.173	SNO VEL 1452-2 1452-2 1453-3 1454-6 1455-0 1455-1 1455-1 1455-1 1455-1 1456-1 1457-6 1464-7 1468-2 1472-6 1+73-7 1474-2	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 3L 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N CASTNUM/TIME 23.3 23.3 23.3 23.3 23.3 23.3	YEAR MONTO OAY HOUR LYLTYP OBS STO OBS	## 11 11 11 12 23 - 3	BUTOP 02469 SHIP 1H 0ATA USE 1 AREA 05  TEMP 01.06 01.26 01.41 01.48 01.54 01.65 01.52 01.57 01.82 02.00 02.53 02.81 03.08 03.81 04.12 04.23 04.22 04.22	SAL  33.64 33.64 33.64 33.71 33.72 33.801 33.75 33.801 33.87 33.87 34.140 34.57 34.73 34.87 34.87 34.89 34.89	TEMP 00.0 BULB -01.9 METH 1029.3 0 T/A 6/8  S1GMA-T 26.98 26.98 26.99 27.00 27.01 27.02 27.06 27.07 27.13 27.17 27.32 27.30 27.46 27.53 27.63 27.63 27.64 27.67 27.68	OTR H 06 SEA CL/TR OYNDPTH 00-000 00-011 00-022 00-053 00-076 00-114 00-124 00-154 00-174 00-201 00-245	SND VEL  1452.2  1452.2  1452.2  1453.3  1454.6  1455.3  1455.7  1458.8  1456.1  1456.1  1457.3  1471.3  1472.6  1472.6  1472.6  1472.6	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N CASTNUM/TIME 23.3 23.3 23.3 23.3 23.3 23.3 23.3	YEAR MONTO OAY MOUR LYLTYP UBS STO UBS	## 1972 ## 11 11 11 23-3 ## 20000 00000 00010 00025 00030 00075 00075 00150 00150 00150 00150 00150 00250 00250 00250 00250 00250 00250 00250	BUTOP 02469 SHIP 1H OATA USE 1 AREA 05  TEMP 01.06 01.26 01.41 01.48 01.54 01.65 01.57 01.82 02.00 02.53 02.81 03.05 03.68 03.81 04.12 04.23 04.22 04.22 04.21 04.19	SAL  33.64 33.64 33.64 33.71 33.802 33.72 33.81 33.875 33.81 34.140 34.57 34.731 34.87 34.89 34.90 34.90 34.905	TEMP 00.0 BULB -01.9 METH 1029.3 0 T/A 6/8  S13MA-T  26.98 26.98 26.99 27.30 27.01 27.02 27.07 27.13 27.17 27.32 27.48 27.53 27.64 27.66 27.67 27.68 27.68 27.68 27.70 27.71 27.71 27.71 27.71	01R H 06 SEA CL/TR 04NDPTH 04.000 00.411 00.022 00.053 00.076 00.114 00.128 00.154 00.174 00.201 00.245 00.290	SND VEL  1452-2  1452-2  1452-2  1453-3  1454-6  1455-1  1455-1  1456-1  1455-1  1458-8  1466-1  1461-8  1464-7  1461-8  1464-7  1471-3  1472-2  1472-3  1472-3  1472-3  1473-7	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N CASINUM/TIME 23.3 23.3 23.3 23.3 23.3 23.3 23.3 23.	YEAR MONT OAY HOUR HOUR STO OBS STO	DEPTH  00000 00010 00025 00030 0015 00075 00075 00150 00150 00150 00150 00150 00160	BUTOP 02469 SHIP 1H 04TA USE 1 AREA 05  TEMP 01.06 01.00 01.26 01.41 01.48 01.54 01.65 01.59 01.52 01.57 01.82 02.00 02.53 02.81 03.05 03.68 03.81 04.12 04.23 04.23 04.22 04.22	SAL  33.64 33.64 33.68 33.71 33.728 33.87 33.802 33.81 33.87 33.87 33.87 34.14 34.50 34.21 34.50 34.21 34.67 34.57 34.86 34.87 34.89 34.89 34.89 34.90 34.90 34.91	TEMP 00.0  BULB -01.9  METH 1029.3  0 T/A 6/8  \$15MA-T  26.98 26.98 26.98 27.00 27.01 27.02 27.03 27.17 27.32 27.13 27.17 27.32 27.40 27.63 27.66 27.63 27.66 27.67 27.66 27.70 27.71 27.27 27.71 27.27 27.70 27.71 27.71 27.71	01R H 06 SEA CL/TR 0YNDPTH 0U-000 00-U11 0U-022 0U-053 0U-076 0U-114 0U-128 0U-154 0U-179 0U-245 0U-245 0U-245 0U-245 0U-234	SNO VEL 1452 -2 1452 -2 1453 -3 1454 -6 1455 -0 1455 -1 1456 -1 1457 -8 1456 -1 1457 -8 1464 -7 1468 -7 1468 -7 1472 -2 1472 -2 1472 -3	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N CASINUM/TIME 23.3 23.3 23.3 23.3 23.3 23.3 23.3 23.	YEAR MONTO OAY HOUR HOUR STD OBS STD	## 1972 ## 11 11 12 23-3 ## 12 11 11 23-3 ## 12 12 12 12 12 12 12 12 12 12 12 12 12	BUTOP 02469 SHIP 1H 0ATA USE 1 AREA 05  TEMP U1.06 01.26 01.41 01.48 01.54 01.65 01.52 01.57 01.82 02.00 02.53 02.81 03.08 03.81 04.12 04.22 04.22 04.22 04.22 04.21 04.17 04.14	SAL  33.64 33.64 33.65 33.71 33.80 33.75 33.80 33.75 33.80 33.93 34.140 34.50 34.71 34.76 34.89 34.89 34.90 34.90 34.91 34.91 34.90 34.91 34.91	TEMP 00.0  BUL 8 -01.9  METH 1029.3 0 T/A 6/8  SIGMA-T  26.98 26.98 26.98 27.00 27.01 27.02 27.06 27.07 27.13 27.17 27.32 27.16 27.66 27.67 27.66 27.67 27.68 27.67 27.68 27.70 27.71	01R H 06 SEA CL/TR 04NDPTH 00.000 00.011 00.022 00.032 00.053 00.076 00.097 00.114 00.128 00.154 00.179 00.201 00.245 00.290 00.334 00.379	SND VEL  1452-2 1452-2 1453-3 1454-6 1456-1 1455-3 1455-1 1456-1 1456-1 1458-8 1456-1 1458-8 1461-9 1471-3 1471-3 1471-6 1471-3 1471-9 1471-9	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI ATLUI G AI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N  CASTNUM/TIME  23.3 23.3 23.3 23.3 23.3 23.3 23.3 23	YEAR MONTO OAY HOUR LYLTYP OBS STO OBS OBS STO OBS STO OBS OBS STO OBS OBS STO OBS OBS OBS OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	## 1972 ## 11 11	BUTOP 02469 SHIP 1H 0ATA USE 1 AREA 05  TEMP 01.06 01.26 01.41 01.48 01.55 01.57 01.82 02.00 02.53 02.81 03.06 03.68 03.81 04.12 04.23 04.22 04.22 04.22 04.21 04.19 04.17 04.14	SAL  33.64 33.64 33.65 33.71 33.802 33.75 33.802 33.81 33.875 33.81 34.140 34.91 34.91 34.91 34.91 34.91 34.91	TEMP 00.0 BULB -01.9 METH 1029.3 0 T/A 6/8  S1GMA-T 26.98 26.98 26.99 27.00 27.01 27.02 27.06 27.07 27.13 27.17 27.32 27.63 27.64 27.63 27.64 27.66 27.70 27.71	01R H 06 SEA CL/TR 0YNDPTH 0U-000 00-U11 0U-022 0U-053 0U-076 0U-114 0U-128 0U-154 0U-179 0U-245 0U-245 0U-245 0U-245 0U-234	SND VEL  1452-2  1452-2  1452-2  1453-3  1455-1  1456-1  1455-3  1455-1  1456-1  1456-1  1456-1  1457-0  1468-7  1468-7  1471-3  1471-3  1471-3  1471-3  1471-3  1471-9  1471-1  1471-9  1471-1  1471-9  1471-1  1471-	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI ATLUI G AI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNG 053 10 N  CASTNUM/TIME  23.3 23.3 23.3 23.3 23.3 23.3 23.3 23	YEAR MONTO OAY HOUR STO OBS ST	## 11 11 11 12 23-3   ## 11 11 11 12 23-3   ## 12 11 11 12 23-3   ## 12 12 12 12 12 12 12 12 12 12 12 12 12	BUTOP 02469 SHIP 1H 0ATA USE 1 AREA 05  TEMP  U1.06 01.00 01.26 01.41 01.48 U1.54 01.65 01.57 01.82 02.81 03.05 02.81 03.05 03.68 03.81 04.12 04.22 04.22 04.22 04.21 04.17 04.14 04.17 04.14 04.17	SAL  33.64  33.64  33.68  33.71  33.872  33.802  33.802  33.81  33.873  34.140  34.73	TEMP 00.0  BULB -01.9  METH 102V.3  0 T/A 6/8  \$15HA-T  26.98 26.98 26.99 27.00 27.01 27.02 27.03 27.13 27.13 27.13 27.13 27.13 27.163 27.66 27.67 27.63 27.64 27.66 27.71	01R h	SND VEL  1452-2  1452-2  1453-3  1454-6  1455-3  1455-7  1456-1  1456-1  1457-8  1460-1  1471-2  1471-3  1471-3  1471-4  1471-3  1471-1  1481-1	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI ATLUI G AI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3
REFIO 31 2136 CONSEC 0002 (AT 55 07 N LUNS 053 10 N  CASTNUM/TIME  23.3 23.3 23.3 23.3 23.3 23.3 23.3 23	YEAR MONTO OAY HOUR LYLTYP OBS STO OBS OBS STO OBS STO OBS OBS STO OBS OBS STO OBS OBS OBS OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	## 1972 ## 11 11	BUTOP 02469 SHIP 1H 0ATA USE 1 AREA 05  TEMP 01.06 01.26 01.41 01.48 01.55 01.57 01.82 02.00 02.53 02.81 03.06 03.68 03.81 04.12 04.23 04.22 04.22 04.22 04.21 04.19 04.17 04.14	SAL  33.64 33.64 33.65 33.71 33.802 33.75 33.802 33.81 33.875 33.81 34.140 34.91 34.91 34.91 34.91 34.91 34.91	TEMP 00.0  8018 -01.9  METH 1029-3  0 T/A 6/8  \$1GMA-T  26.98 26.98 26.98 27.00 27.01 27.02 27.03 27.13 27.13 27.13 27.13 27.13 27.16 27.66 27.67 27.66 27.67 27.67 27.67 27.71 27.75 27.75	01R h	SND VEL  1452-2 1452-2 1453-3 1454-6 1455-0 1455-7 1455-1 1456-1 1455-1 1456-1 1456-1 1457-0 1471-3 1471-3 1471-9	WIND—SPO WINO-FOR WEATHER	- X7	TRA OUR OR 1	CE DI ATLUI G AI	IR N I 009		5 2 1	SQUARE 4. SQUARE 5	3

Table 1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136.—Continued

		MONTH	1972 111 12 01.5	BOTOP 01765 SHIP IN OATA USE 1 AREA 05	AIR T WET 8 BARDP CLOUG	ULB -01.B ETR 1029.4	OIR HO O6 SEA CL/TR		MINO-OLR MIND-SPU MIND-FJR MEMTMER	13	TRACE OURATI		ΔSŤ	5	N SQ 1407 SQUARE 1 SQUARE 42 SQUARE 43
CASTNUM/T	1 ME	LVLTYP	DEPTH	TEMP	SAL	S LGMA-T	DYNOPTH	SNO VEL	UXYG	P34	TOT P	NUZ	Ni)3	\$103	РН
		510	00000	- 0.52	33.01	26.54	00.000	1444-1							
0	1.5	QB 5	00000	- 0.52	33.009	26.54		1444.1							
		SID	00010	- 0.16 00.07	33.21 33.35	26.69 26.80	00.014	1446.2							
0	1.5	5 T D 08 S	00020	00.14	33.416	26.84	00.021	1448.2							
·	•••	510	00030	00.09	33.43	26.85	00.040	1448.0							
0	1.5	085	00049	- 0.01	33.493	26.91 26.92	00.063	1448.0							
		012 012	00050 00075	- 0.01 00.17	33.50 33.65	27.03	00.091	1449.4							
0	1.5	085	00076	00.18	33.659	27.04		1449.5							
a	1.5	OBS	00098	00.48 00.55	33.819	27.15 27.16	00.115	1451.5							
		\$ T O 5 T D	00100 00125	01.40	34.07	27.29	00.136	1456.4							
O	1.5	OB S	00147	02.03	34.247	27.39		1459.8							
		STD	00150 100197	02.10 03.07	34.27 34.551	27.40 27.54	00.155	1460.2							
	1.5	08 \$ 5 T D	00200	03.12	34.56	27.55	00.186	1465.8							
		STD	00250	03.74	34.72	27.61	00.213	1469.5							
C	1.5	085 510	00295 00300	04.08 04.08	34.809 34.81	27.65 27.65	00.238	1471.8							
o	1.5	085	100393	04.06	34.860	27.69		1473.4							
		STO	00400	04-07	34.86	27.69	00.285	1473.6							
C	1.5	38 S 5 T D	00492 00500	04-16 04-16	34.897 34.90	27.71 27.71	00.329	1475.6							
	1.5	JBS	00590	04.14	34.912	27.72		1477.1							
		51D	00600	04.12	34.91	27.72	00.374	1477.2							
(	1.5	510 085	00700 100791	03.99 03.89	34.90 34.891	27.73 27.73	00.410	1479.3							
`		510	00800	03.88	34.89	27.73	00.463	1479.5							
,		510 085	00900 100992	03.81 03.76	34.89 34.897	27.74 27.75	00.507	1480.8							
	01.5	085	101508	03.68	34.933	27.79		1490.5							
REFIO 3L CUNSEC LAT 54 5 LONG 053 3	2136 0004 14 N	MONT	: 1972 'H 11 12 : 07.2	BUTDP 00960 SHIP 1H DATA USE 1 AKEA 05	HET BARC	TEMP 0J., BULB -01. METR 1030.	5 04 5 SEA	⊬GT PER 3 2	#170-01 #170-59 #180-60 #EATHEK	D 14 R	TRACE DURAT	NANSEN E JIR Fion Al Oos		5	EN 50 1407 SQUARE 1 SJUARE 42
2010 033			01.12			0 174 87		•	HEATHEN	*2	URIG	AI UU	•	1	SQUARE 43
CASTNUM/1	IME	LVLTYP	DEPTH	TEMP	SAL	S LGMA -T	HTQCAYO	SND VEL	JXYG	P.14	TOT P	NU2	NO3	5103	РН
,	17.2	5T0 UB5	00000	00.68	32.45 32.455	26.04 26.04	00.000	1448.9 144d.9							
`		STU	00010	- 0.67	32.68	26.26	0J. 019	1445.9							
,		510	00020	- 0.50	32.86	26.43	00.036	1444.3							
,	17.2	OB 5 STD	00023	- 0.57 - 0.41	32.999 32.99	26.47	00.051	1444.1							
C	7.2	085	00045	- 0.17	33.139	20.64	001071	1440.7							
	7.2	510	00050	- 0.11	33.17	26.06	00.080	1447 - 1							
	11.2	085 \$10	00068 00075	- 0.08 - 0.22	33.264 33.28	26.73 20.75	00.114	1447.1							
C	7.2	48.5	00091	- 0.44	33.357	20.82		1446.5							
		STD STO	00100 00125	- 0.29	33.45	26.89	00-145	1447.5							
C	7.2	085	00127	00.15	33.67 33.765	27.05	00.172	1450.2							
		510	00150	00.62	33.85	27.17	00.146	1453.J							
C	1.2	OBS STO	00200	01.37 01.72	34.089	27.31	00 137	1457.3							
		510	00250	02.91	34.18 34.49	27.36 27.51	00.237	1459-2							
C	7.2	085	00282	03.46	34.639	27.58		1468.7							
0	7.2	S T D G B S	00300 100377	03.62 04.09	34.69 34.829	27.60	00.299	1469.8							
	• • •	\$10	00400	04.14	34.84	27.66 27.67	00.349	1473.2							
0	7.2	JBS	00479	04.22	34.880	27.09		1475.5							
0	7.2	5 T O 0 8 S	00503 100576	04.20 04.14	34.88 34.895	27.69	00.396	1475.8							
		510	00600	04.13	34.90	27.71 27.71	00.441	1476.6							
_		510	00700	04.10	34.91	27.73	00.486	1478.7							
a	7.2	085 510	100772 00800	04.07 04.03	34.913 34.91	27.73 27.73	00 531	1479.8 1480.1							
0	7.2	085	T00a81	03.86	34.904	21.75	00.551	1480.7							

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Table 1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136,—Continued

KEF10 31 2136 CUNSEC 0005 LAT 54 45 N LONG 053 51 H	MUNTI	1972 11 12 09.3	BUTOP 00320 SHIP IH DATA JSE I AREA 05	AIR TE WET SU BARDME CLGUO	Hb -01.5 TR 1029.1		GT PER 2 2	HIND-OIR HIND-SPO WIND-FUR WEATHER	12	TRAC OUKA	NANSEN E DIK Tion Al Gos		2	N SQ 1407 SQUARE 1 SQUARE 42 SQUARE 43
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNUPTH	SNO VEL	DXYG	P 34	TGT P	NU2	NO3	\$133	РН
22.3	STO	00000	- 0.61	32.54	26.17	00.000	1443.0							
09-3	OBS STU	00000	- 0.61 - 0.58	32.537 32.54	26.17 26.17	03.319	1443.0 1443.4							
09.3	510 085	00020 00025	- 0.55 - 0.54	32.55 32.557	26.18 26.18	00.037	1443.7 1443.8							
	012 012	00030	- 0.53 - 0.48	3 <b>2.</b> 64 32.88	26.25 26.44	0J.055 0J.085	1444.J 1445.J							
09.3	28G 510	00050 00075	- 0.4d - 0.34	32.882 32.96	26.44 20.50	00.128	1445.U 1446.1							
09.3	085 STD	00075 00100	- 0.34 - 0.20	32.959 33.07	26.50 26.58	00.166	1446-1							
04.3	OBS STD	00100	- 0.20	33.069	26.58 26.65	00.201	1447.3							
09.3	08 S ST 0	00149 00150	UD.15 0J.15	33.29	26.74									
09.3	STO	00200	00.51	33.61	26.96	00.235 00.295	1450.1							
	STO	00204 00250	00.57	33.640 34.03	27.00 27.25	00.345	1453.4							
09.3	JBŞ	100299	03.01	34.536	27.54		1466.9							
					*****	*******	•							
CONSEC 0006	HONT	1972 H 11	8010P 00238	WET BE	JL8 -00.4	11	GT PER	WIND-OIR WIND-SPO		TRACI		CAST	5 9	N SQ 1407 SQUARE I
LAT 54 37 N LUNG 054 06 W		12 15.8	OATA USE 1 AREA 05	CLOUD	TR 1029.0	SEA CL/TR		WIND-FOR WEATHER	x 2	DURA '	A1 009	)		SQUARE 44 SQUARE 44
CASTNUM/T1ME	LVLTYP	ОЕРТН	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	O XY G	P34	TOT P	NO2	NO3	\$103	РН
15.8	012 280	00000	- 0.51 - 0.57	32.52 32.525	26.16 26.16	00.000	1443.2 1443.2							
.,,,	STD	00010	- 0.58 - 0.58	32.53	26.16 26.17	00.019	1443.4							
15.6	UBS	00025	- 0.58	32.545	26.17		1443.6							
15.8	0B S	00030	- 0.58 - 0.57	32.55 32.572	26.18 26.19	00.050	1443.7							
15.8	STD 0BS	0005J 00074	- 0.56 - 0.33	32.58 32.800	26.20 26.37	00.092	1444.2							
15.8	\$10 085	00075	- 0.33 - 0.35	32.81 32.942	26.37 26.48	00.136	1446.0 1446.5							
	STO	00100 00125	- 0.80 - 0.80	32.94 33.02	26.49 26.57	00.176 00.214	1446.4							
15.8	08 S 5 T D	00149 00150	- 0.99 - 0.98	33.118 33.12	26.65 26.65	00.249	1444.5 1444.6							
15.8	280 280	00200 100211	- 0.55 - 0.46	33.38 33.451	26.85 26.90	00.314	1447.8 14 <b>4</b> 8.5							
					*****	• - • • • • • •	•							
+EF10 31 2136	YEAK	1972	80TDP 03205	AIR TE	MP 01.6	OIF H	JI PER	#1/0-D1 R	04	1201	NANSEN	CAST	TEA	SU 1407
CUNSEL 0007 LAT 54 27 N	MONTH DAY	11	SHIP IH UATA USE 1	4 E T BU		∪8 5 £ <b>A</b>	3 2	WIND-FUR		TRACE DURAE	DIR		5 5	QUARE 1
LUN: 354 25 W	HGUR	17.5	AKEM J5	CL DUD		CL/IK		WEA THER	X2		A1 009			QUARE 44
EMSTRUM/TIME		DEPTH	TEMP	3 AL	SIGMA-I	HTYGAYU	SND VEL	UXYG	PJ4	TOT P	NU2	NU3	\$103	РН
17.5	STO JBS	00000	- 0.60	32.56 32.558	20.18 25.18	00.363	1443.1							
	STD STD	00010	- 0.50 - 0.50	32.59	26.15 20.21	00.018	1443.4							
17.4	JeiS S⊺∪	00025 00030	- 0.55 - 0.55	32.602 32.63	26.22	00.055	1443.3							
17.5	5 T J 38 S	00050	- 0.54	32.13	26.32	00.090	1444.5							
17.5	385 385	00075 00076	- 0.41 - 0.41	32.90	26.45	00.131	1445.7							
17.5	STU	30100	- 0.34	\$1.00	20.54	00.16+								
11.7	385 STD	00101	- 0.31	33.15	26.65	00.200								
17.5	STU	00150	- 0.35 - 0.35	33.28 33.261	26.16 25.76	03-234	1447.3							
17.5	OBS	100161	- 0.55	35.440	26.85		1447.6							
					*****									

Table 1.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31-2136,---Continued

	2136 0008 19 N 40 H	YF AR MONTH DAY HOUR	11 12	80 TUP 00183 SHIP IH OATA USE 1 AREA US	HARCME	MP 00.6 LB -01.5 TH 102H.7 T/4 6/8	OIF F II SEA CLZIF	51 ΡΣΨ 2 →	# [40=11 R #150=50 # [151=6 R # EA THE:	Ú J	TRACE		EAST	5 S 2 S	1 52 1407 SUUARE 1 SUUARE 44 SUUARE 44
CASTNUM	T [ 4F	LVLTYP	оветн	16:48	SAL	SIGMA-F	DYNOPTH	JND VEL	1 X <b>Y</b> G	P ] 4	T-JT P	N 12	404	\$133	ρн
		STO	00000	- 0.47	32.41	26.06	00.000	1443.7							
	18.9	DBS	00300	- 0.40	32.414	26.06	0 ) ) ) )	1444.0							
		\$10 \$10	00010 00020	- 0.4) - 0.41	32.42	26.07 26.09	00.339	1444.2							
	18.9	.385	00025	- 0.41	32.473	26.11		1444.3							
		STD	00030	- 0.41	32.52	25-15	00.354	1444.3							
		510	00050	- 0.56 - 0.56	32.08	26.28 26.28	00.044	1444.3							
	18.9	085 510	00075	+ 0.56	32.83	26.41	00.130	1445.8							
	18.9	085	0 00 75	- U.HI	32.828	26.41		1443.8							
		5 T O	00100	- 0.10	33.00	26.53 26.53	00.175	1446.8							
	18.9	510	00100	- 0.57	33.13	26.65	00.212	1-40.1							
		STD	00150	- 0.84	33.22	20.72	03.740	1-45.4							
	13.7	UBS	00158	- 0.43	33.231	26.74		1445 -1							
						*****	• • • • • • • • •	•							
KEF1 1 11	21.36	YEAR		80 FUP 00172	AIK TE	MP 01.2	OIR H	GT PER	AINO-DIR	0 +	INST	NAVSEN	CAST	TE	SU 1407
CUNSEC	0009	MUNTI		SHIP IH		Lb -00.4	11	3 3	* [ N D- 250		TRALL	UIR		5 5	SQUARE 1
LAT 54 LUNG 054	12 4	JAY HLJR	20.4	DATA USE 1		TR 1029.0	5t A CL/14		MEATHER	ν,	DURAT	10N A1 L09			SUUARE 44 SUUARE 44
2010 071	,,		,		CE 000	174 070	00718		NEW THEK	^2	OKIO	41 007		• :	SUNAKE 44
CASTNUM	T 1 '4 E	LVLTYP	DEPTH	1 FM2	SAL	SIGMA-T	DYNOPTH	SND VEL	DXYG	P 34	TGT P	NUZ	103	\$1.3	Рн
		STO	00000	00.02	32.53	26.14	CU. UC)	1446.0							
	20.3	38.5 STD	00010	60.0.	32.534	25.14	03 .1.	1.46.0							
		510	00010	00.11	12.55	26.15 20.15	00.011	1940.1							
	21.5	UBS	00025	10.23	106.56	26.16		1447.4							
		STU	00030	10.22	32.57	26.16	00.056	1447.4							
	20.3	1135	00050 00050	00.19	12.57	26.16	00.091	1447.6							
		STO	30375	- 0.41	32.51	26.40	00.130	1443.1							
	20.5	.185 510	00075	- 0.97	32.910	26.48		1443.1							
	20.3	092	00100	- 1.10 - 1.10	33.02 33.025	26.58 26.58	00.174	1441.1							
		510	00125	- 1.19	33.13	26.67	00.209	1+45.2							
	20.3	JB 5	00147	- 1.24	33.215	20.14		1445.>							
						• • • • • •	• • • • • • • •	•							
KEFIU 31	21 36	YEAK	1972	3010P 00157 SHIP 1H		MP 00.4		PER ای⊷ ا ا	#14D-31k			NANSEN E JIH	C 4 5 T		N SU 1407 SUUARE 2
- CUNSEL - LAT - 54	03 N	DAY	н 11 12	DATA USE 1		TK 1020.5		, ,	wIND-FUR		LukAl			2	SJUARE 44
LI N. 055			21.5	AKEA CS	CLUU	1/1 6/5	CL/TH	≺ .	WEATHER		U× 16	41 00	4	1	SUUARE 45
CASTAUM	/ T   wit	1.41.1.40	рертн	T E MP	SAL	S LOMA-T	DYMAPIA	SND VFL	0XYG	P 14	TOT P	N.0.2	in U 3	5103	РН
243710	, , , ,														
	21.4	STD	£0000	- 0.33 - 0.15	32.41 32.413	20.06 20.06	60.307	1444.2							
	21.4	510	00010	- 3.32	32.413	20.00	00.323	1444.4							
		510	00020	- 0.30	32.42	24.06	00.637	1444.7							
	21.5	045	JUJ25	- 0.24	32.431	23.07	00.757	1444.8							
		5 T D 5 T D	00053	- 0.21 - 0.15	32.43	20.07		1445.2							
	21.8	116.2	JUU 50	~ 0.15	12.500	20.12		1 +40 .0							
	31 .	STU	30075	- 0.37	32.76	20.34	00.142	1445.7							
	21.4	085 510	00103	- 0.37 - 0.71	32.165 32.94	26.54	00.182	1445.4							
	21.4	D85	00100		32.941										
	71 /	STD	30125	- 1.16	33.37	25.62	99.514	1445.3							
	21.8	286	901.32	- 1.51	33.099	25.64		1442.1							

Table I.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 11-13 November 1972, Prepared from NODC Listing No. 31–2136,—Continued

KEFIU 31 2136 CONSEC 0011 LAT 53 57.5N LUNG 055 31.0W	TNOM YAO	1972 H 11 12 23•7	BOTUP UULGB SHIP 1H DATA USE 1 AREA C5		OULB - Cl.+ ETR 1028-3		3	AIND-DIK AIND-SPO AIND-FOR REAINER	07	TRACE OURAT			5 5	N SQ 1407 SUUARE Z SUUARE Z4 SUUARE 35
CASTNUM/TIME	LVLTYP	DEPIH	TEMP	SAL	1-4Mu12	нтчарую	SNO VEL	JXYG	P34	101 P	NUZ	NO3	5113	Рн
	STD	00000	- 0.45	32.32	25.74	00.500	1443.1							
23.7	UB S	00000	- 0.45	32.020	25.74	00.000	1945.1							
23	SID	00010	- 0.48	32.26	25.94	30.022	1443.4							
	\$10	30020	- 0.51	32. + 3	26.08	00.042	1443.7							
23.7	UBS	00025	- 0.53	32.493	20.13		1445.5							
	STO	00030	- 0.56	32.49	20.13	00.061	1445.7							
	STD	00050	- 0.60	32.52	26.15	00.098	1443.7							
23.7	UB S	00050	- 0.60	32.516	23.15		1443.7							
	STD	00015	- 0.52	32.58	26.20	00.145	1444.4							
∠3.7	UBS	00075	- 0.52	32.281	26.20		1444.8							
	510	00100	- 0.54	32.50	26.38	00.184	1445.2							
23.7	J8 S	00100	- 0.59	32.803	26.38		1445.2							
	510	00125	- 0.57	33.04	26.61	00.226								
23.7	08 S	00143	- 0.49	33.339	26.81		1447.1							
HET:0 31 2130 CHNSEC 0012 LAT 53 47 N LLNG 055 40 M	MENT: UAY	1972 H 11 13 01+1	BOTOP 00165 SHIP IH DATA JSE 1 APEA 05	6 <b>4</b> FU	TEMP 00.3 BULB -01.4 METR 1025.1 D T/A 6/8		GT PFK 3 3	WIND-OIF WIND-SPU WIND-FUR WEATHER	06	TRACE OURAT			5 1	N SQ 1407 SQUARE 2 SQUARE 24 SQUARE 35
CASTNUM/TIME	LVLTYP	0EP <b>T</b> H	TEMP	SAL	S LGMA-T	DYNOPTH	SAD AFF	JXY G	P)4	101 P	Nu2	ND3	5103	Рн
	STO	00000	00.06	31.39	25.21	00.000	1444.5							
01.1	08.5	00000	00.06	31.378	25.21	30.000	1444.5							
0	510	03013	J0.U5	31.76	25.51	00.320	1445.2							
	510	00023	00.04	32.04	25.14	20.050	1445.7							
01.1	1185	00025	00.04	32.144	25.83		1445.9							
	STO	000 30	- 0.37	32.19	25.87	00.072	1445.0							
	STD	00053	- 0.33	32.31	25.48	00.114	1444.4							
01.1	035	00050	- 0.33	32.314	25.98		1444.9							
	STO	00075	- 0.27	32.34	26.00	03.164	1445.0							
01.1	79.2	00015	- 0.21	32.344	26.00		1445.6							
	STO	00100	- 0.33	32.3H	26.03	00.214								
01.1	ite S	00100	- 0.33	32.376	26.03		1445.8							
	STO	00125	- 0.34	32.43	26.67	00.263								
01.1	(19.7	00140	- 0.34	32.480	26.11		1440.5							

00.214 1773.3 1445.8 00.263 1446.2 1446.5

Table II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21–22 September 1972, Prepared from NODC Listing No. 31–2135.

-(F1) 31 2135 000 31400 00 74 75 141 00 750 00 00	YEAR MONTO DAY HOUR	21	HUTUP CUISO SHIP SC DATA USC I AKEA US	AIR TE MET BU BARCHE CLUUD	TR 1018.7	DIH F 34 SLA ČE/TR	oT PER 2 - 2	aINC-DIK WIND-SPD AIND-FUK WEATHER	1+	TRACE DURATI		TEN 50 1407 5 SOUARE 2 2 SQUARE 24 1 SQUARE 35
19.0 19.0 10.0 10.0 10.0	UNITYP  UNITYP  UNITYP  UNITYP  UNITYP  UNITYP  STD  UNITYP  STD  UNITYP  UNIT	00021 00030 00043 00053 00070 00070 00073 00100 00125	16 49 03 - 23 03 - 11 02 - 97 01 - 07 - 0 - 77 - 0 - 08 - 1 - 08 - 1 - 18 - 1 - 19 - 1 - 19	54L 51.500 51.52 51.51 51.61 52.401 32.47 52.670 52.13 52.66 52.858	\$10MA=1 25:11 25:12 25:15 25:47 26:46 20:12 20:45 20:45 20:46 20:46	υγι.∪+ <b>Ϊ</b> ·κ	1459.1 1450.8 1453.5 1453.2 1443.3 1442.7 1441.9 1441.0 1441.1	UXYG	P )4	TUT P	NU2 NU3	S1U3 PH
REF10 31 2135 CUNSEC 00D2 14T 53 55 N LUNG 055 25 W	YEAK MUNTH DAY HUUR	1 09	BUTDP UULTA SHIP SC DATA USE I AREA US	AIR TE WET BL DAKCME CLGUO	02.2 TH 1018.3	UTP H 33 - SEA CL/TR	JT PEK	HIND-DIR HIND-SPD HIND-FCR NEATHER	14	TRACE		1EN SO 1407 5 SUDARE 2 2 SQUARE 24 1 SOUARE 15
CASTNUM/TIME 19.7 19.7 19.7 19.7 19.7	LVLTYP  \$10 085 \$10 085 \$70 085 \$70 \$10 085 \$70 \$10 085 \$70 \$10 085	DEPTH  000 00  000 10  000 20  000 20  000 48  000 50  000 75  000 78  000 98  001 25  001 25  001 48	1EMP 03.04 03.67 03.67 03.50 03.40 02.20 -1.47 -1.48 -1.58 -1.58 -1.56 -1.54 -1.48	SAL 31.66 31.66 31.72 31.785 31.84 32.189 37.27 32.97 32.980 33.055 33.06 33.17 33.296	SIGMA-I 25-17 25-17 25-19 25-25 25-31 25-40 25-9P 26-54 26-62 26-62 26-62 26-62	00.042 00.121 00.172	1 4 3 9 . 3 1 4 3 9 . 4 1 4 4 0 . 3 1 4 4 0 . 4 1 4 4 0 . 9	UAY G	P ) 4	TOT P	NO2 NO3	\$103 PH
					*****		•					
#7810 31 2135 consec 0003 tal 54 02 5 talo 055 tal #	4.5%T)	Ŭ • ∠ L	θω1∪P     [5υ   5πTP 5ι   υάΤα 75ε   Γ   Δκεά   55				JIPL⊼ X V	#1 xD=U1K #1NL= \$PU #1ND=E7K #EATHE#	• 1	INAC +		TEN SU 1407 5 SJUAKE 2 2 SJUAKE 44 1 SJUAKE 45
(85146+/1146		LEPIH	15.46	SAL	51,4A-1	<b>ПАМЪБТ</b> И	SNU VEL	JXY G	P ) 4	161 6	NUZ NUS	SIJ3 PH
21.9 21.9 21.9 21.9	5TU 	000 30 300 30 300 39 300 10 000 23 000 33 000 33 000 53 000 63 000 75 000 13 001 00 001 25	04. 7 34.13 03.43 02.42 01.63 01.67 - 3.71 - 1.44 - 1.72 - 1.51 - 1.44 - 1.46	31.c1 31.c10 31.c10 31.c50 31.c50 31.c50 32.c07 33.c07	25-11 25-11 25-11 25-14 25-15 25-05 25-05 20-27 26-50 26-50 26-55 26-71 26-71 26-71	00.328 00.380 00.380 00.163 00.163	1462.3 1462.6 1462.2 1453.3 1498.2 1453.3 1443.6 1440.6 1440.7 1440.7					

Table II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NODC Listing No. 31-2135.—Continued

HEFID 31 2135 GUNSEC UU04 LAT 54 21 N LUNG 054 57 H	YEAR 197 MUNTH ( DAY & HUUK 23	D) SHIP SC 21 DATA USE 1	BARCMETH IDIO. G	32 2 2 \$EA	HIND-DIR 32 HIND-SPO 14 HIND-FUR HEATHER X1	INST NANSEN CAST TRACE DIR DURATION URIG AL OUR	TEN SU 1407 5 SUUARE 1 2 SUUARE 44 1 SUUARE 44
CASTNUM/TIME	LVLTYP DE	ЕРТН ТЕМР	SAL STUMA-T	UVNUPTH SNO VEL	JXYG P14	TOT P NO2 NO3	STUJ PH
23.0 23.6 23.0 25.0 25.0	\$10 048 \$10 098 \$10 008 \$10 008	0000	31.69 25.21 31.69 25.21 31.69 25.22 31.69 25.22 31.69 25.2 32.19 25.75 32.444 20.44 32.90 20.54 32.90 20.54 32.90 20.54 33.080 20.63 33.11 20.65 33.24 20.16 33.37 20.84	00.303 1461.0 1461.1 00.328 1461.1 00.755 1461.3 1461.3 00.080 1453.0 1440.4 00.119 1440.4 00.157 1440.5 1441.3 00.193 1441.6 00.226 1443.5			
REFIO 31 2135 CONSEC 0005 LAT 54 20 N LUNG 054 20 N	MUNITH (	DY SHIP SC 22 DATA USE I	WET BULB 02.2 BAKCMETR 1016.0	DIK FUT PER 32 2 2 SEA CL/TK	AINO-UIR 32 AINO-SPO 17 AINU-EUR AEATHER XI	TYST NANSER CAST TRACE DIR DURATION CKIG AT UUS	TEN SW 1407 5 SUDARE 1 2 SQUARE 44 1 SQUARE 44
CASINUM/TIME	LVLTYP U	EPTH TEMP	SAL SIGMA-T	JYNUPTH SND VEL	UXYG PJ4	1CT P NO2 NO3	SIJ3 PH
00.8 00.8 00.8	085 00 \$10 00	0000 U2.58 0000 U2.58 0010 02.01 002.01 U1.10 0030 06.24 0032 06.08 0052 1.49 0077 - 1.49 0097 - 1.46 0100 - 1.46 01125 - 1.16 0142 - 0.83	31.70	00.000 1458.0 1458.0 1458.0 1454.3 00.026 1450.7 00.07C 1447.3 1440.7 1440.7 1440.7 1440.7 1440.7 1441.5 00.185 1441.5 00.220 1443.4 1445.4			
KEFID 31 21 CUNSEC 000 LAT 54 25 LUNG COM 22	6 MUNTH	09 SHIP SC 22 DATA USE	UI AIN TEMP 02- MET BULB C2- I BARUMETH 1014- UD CECUI T/4 3/	.2 31 X A	WIND-DIR 31 WIND-SPO 14 WIND-FUR WEATHER XI	INST NANSEN CAST TRACE DIR DURATION ONIG ALODU	TEN SU 1407 5 SOUARE 1 2 SOUARE 44 1 SOUARE 44
HITYMJATZAD	LVLTYP	DEPTH TEMP	SAL SIGMA-1	DYNDPTH SND VEL	UXYG PU4	TGT P NOZ NC3	S103 PM
02. 02. 02. 02.	7 085 5TU 5TU 5TU 5TO 5TO 5TO 5TO 5TO 5TO 5TU 5TU 5TU	00000 02.43 00000 02.43 00000 02.43 00010 02.33 00027 01.55 00030 01.08 00054 -1.15 00054 -1.35 00076 -1.44 00076 -1.44 00076 -1.44 00076 -1.49 00103 -0.83 00125 -0.82 00155 -0.55	31.87 25.46 31.866 25.46 31.875 25.46 31.875 25.46 31.93 25.51 32.14 25.72 32.14 25.72 32.14 20.16 32.454 20.12 32.92 20.50 32.927 20.51 33.03 20.59 33.171 20.66 33.171 20.66 33.171 20.66 33.171 20.68 33.174 20.68	00.000 1455.7 1455.9 03.025 1455.7 00.049 1454.4 1452.8 00.072 1450.7 00.114 1441.3 1440.4 00.158 1440.9 0.159 1443.1 00.159 1443.1 00.231 1445.0 1441.0			

Table II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21–22 September 1972, Prepared from NODC Listing No. 31–2135.—Continued

REFIO 31 2135 CUNSEC 0007 LAT 54 31 N LLNG 054 05 m	YEAK MON1D UAY HUUK	09 22	BUTUP 00238 SHLP SL OATA USL I AREA US	AIK T WET & BARDY GLOUD	ULB 65.0 ETR 1012.3		UT PER Z Z	WIND-OIK WIND-SPD WIND-FUR WEATHER		TRAÇE DURATI		TEN SQ 1407 5 SQUARE 1 2 SQUARE 44 1 SQUARE 44
CASINUM/TIME	LVLTYP	DEPIH	TEMP	SAL	Sluma-I	UYNOPTH	SNO VEE	JXY G	P ) 4	101 P	NO2 NO3	S \$103 PH
05.2 05.2 05.2 05.2 05.2	\$10 ud5 \$10 \$10 \$10 ud5 \$10 ud5 \$10 ud5 \$10 ud5 \$10 ud5 \$10 ud5	00000 00000 00010 00010 00010 00010 00050 00050 00050 00015 00100 00111 00125 00150 00159 00159	00-00 00-84 00-65 -1-68 -1-40 -1-40 -1-49 -1-49 -1-47 -1-37 -1-37 -1-37 -1-25 -1-22 -0-59 -0-41	32.55 32.56 32.56 32.56 32.56 32.56 32.784 32.786 32.939 33.054 33.054 33.27 33.27 33.27 33.32 33.27 33.32 33.32	26.11 20.10 20.15 26.21 26.22 20.31 20.35 20.46 20.52 20.57 20.61 26.67 20.16 20.82 27.01 27.05	00.037 00.056 00.091 00.132 00.170	1440.2 1440.6 1440.9 1441.5 1442.0 1443.0 1443.9 1443.9					
REFID 31 2135 CUNSEC 0008 LAT 54 40 N LONG 053 54 W	YEAR MONTH DAY HOUR (	09 22	BOTOP U0293 SHIP SC DATA USE 1 AREA US	AIR T WET 8 BARCM CLOUD	ULU C4.4 ETH 1011.3	UIR H 33 Sēa CL/Th	ot PER	AINO-DIR WINO-SPD AINO-FOR AEAIAEK	IJ	TRACE		TEN SQ 1407 5 SQUAFE   1 2 SQUARE 42 1 SQUARE 43
CASTNUM/TIME	LVLTYP	DEPIH	TEMP	SAL	SIUMA-T	DYNDPTH	SNO VEL	JXY 6	P)4	Tut P	NU2 NO	S \$103 PH
07.0 07.0 07.0 07.0 07.0	012	00000 00010 00010 00020 00030 00037 00061 00075 00100 00112 00125 00164 00205 00250 100267	00.88 00.69 01.23 01.57 01.92 02.16 01.49 00.85 - 0.37 - 1.04 - 1.02 - 0.96 - 0.83 - 0.50 - 0.27 00.81	32.83 32.83 32.87 32.97 32.97 32.97 33.15 33.26 33.33 33.41 33.53 33.41 33.53 33.72 33.91 34.92 34.97 34.97	20.34 20.34 20.32 20.32 20.34 20.35 20.55 20.61 26.16 20.88 20.94 20.98 21.06 21.11 21.23 21.30 21.41 21.55	00.118 00.149 00.177 00.263 00.249	1450.3 1450.3 1452.0 1453.3 1455.5 1456.4 1454.3 1451.7 1446.4 1443.0 1444.5 1445.5 1447.0 1447.0 1447.0 1452.8 1455.2					
						• • • • • • • •						
KEFIJ 31 21:55 CONSEC 0009 EAT 54:56 N EENG 053:41 #	YEAR MUNTH GAY HOUR	24	SHIP SC DATA USE I AREA US			33 SEA CL/1F		AIND-DIR AIND-SPD AIND-FOR AEAIHER	1)	TH ALE		T TEN SU 1407 5 SQUARE 1 2 SQUARE 42 1 SQUARE 43
CASTNUMITIME	LVLTYP	UEPIH	TEAP	SAL	S [GMA-T	UYNUPTH	SNL VEL	UXYG	PJ4	TuT P	NUZ NJ	3 Slu3 PH
10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1	\$TU 085 \$TO 085 \$TO U85 \$TU \$TU	00000 00000 00010 00020 00020 00020 00025 00025 000077 00115 00115 00115 00155 00259 00250	U3-19 U3-19 U3-19 U3-19 U3-19 U3-19 U3-19 U2-64 U0-51 U0-43 U0-58 U3-60 U1-69 U1-74 U3-73 U3-73 U3-81 U4-11 U4-51 U4-21 U4-19 U4-11 U3-88 U3-94	33.26 33.20 33.21 33.28 33.28 33.28 33.28 33.30 33.62 33.32 33.72 33.72 33.72 33.72 34.05 34.05 34.07 34	26.5C 26.5C 26.5C 20.51 20.52 20.60 20.60 20.61 21.12 21.13 21.23 21.24 21.33 21.41 21.45 21.65 21.65 21.66 21.66 21.66 21.66 21.67 21.67 21.68 21.78 21.78 21.78 21.78 21.78 21.78 21.78 21.78	03.346	1452-2 1455-3 1455-6 1450-2 1400-2 1407-3 1471-5 1472-6 1472-6 1478-0 1478-1 1478-0 1478-1 1478-6					

Table II.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SPENCER, 21-22 September 1972, Prepared from NODC Listing No. 31-2135,—Continued

REF10 31 2135	5 1 f A h	1972	801UP 61647	AIA	TEMP 13.1	OIR H	JT PER	n [N 0= 31 K	11	LVST	NANSEN	CAST	TE	N SU 1407
CONSEL DOLO		н 09	SHIP SC	nt T		1.2		#140-5P0		THACE				SJUAKE I
LAT 54 59 1			DATA USE 1		MEIN LOUBLE	St A	, ,	HIND-FLF		LURAI				SUUARE 42
LONG 053 22		13.0	AREA 05		) 1/4 6/4	(L/1K		nt A I its			41 00	4		SJUARE 43
2000 000 22		• /• /							•			•	•	
CASTNUM/114E	LILTYP	DEPTH	TEMP	SAL	S16MA-1	DYNUPIH	SNU VEL	UXYG	P.14	TOT P	NU2	NG3	5113	Рн
	\$10	00000	64.23	33.41	26.52	06.000	1462.7							
13.0	URS	20000	34.63	33.410	20.52	00.000	1465.7							
13.0	510	00010	64.24	33.41	20.52	03.315	1465.9							
1 5.0	1185	00010	04.24	33.410	26.52	00.013	1466.0							
13.0	510	00013	04.24	33.41	26.52	00.030	1466.1							
	510	00030	04.24	33.41	20.52	00.040	1400.2							
13.0	185	00030	04.24	33.407	20.52	00.040	1466.3							
	\$10	00050	02.28	33.65	20.85	03.373								
13.0	85	00060	01.44	33.026	27.10	0 34 31 3	1455.1							
1	510	06075	01.37	34.37	27.10	03.097	1455							
13.0	JB 3	00180	01.35	34.145	27.45	00.071	1455.7							
.,	STO	60100	02.00	34.32	27.45	00.115	1459.3							
13.0	665	00123	02.82	34.500	27.52	00,	1463.2							
.,.,	STD	00125	62.90	34.51	27.53	00.130	1463.0							
	510	00150	33.67	34.67	27.5E	00.144	1467.5							
15.0	U85	100100	04.00	34.737	27.60	00.117	1469.2							
	STU	00200	04.15	34. RG	27.63	00.173	1470.7							
11.0	185	00210	04.27	34.813	27.64	000	1471.0							
1 / • 0	510	00250	04.20	34.85	27.66	03.194	1471.7							
13.0	UB 5	100254	64.20	34.854	27.66	00	1471.9							
	510	30300	04.30	34.08	27.68	00.217								
13.0	Ons	00342	04.31	34.398	27.65	0000.	1473.7							
.,.,	510	00400	04.25	34.90	27.76	00.262	1474.4							
	STU	00500	04.10	34.90	27.71		1475.7							
13.0	665	100518	04.15	34.098	21.71		1475.9							
• 5• 5	510	00000	04.10	34.10	27.72	00.151	1477.1							
	510	00700	04.03	34.70	21.12	00.396	1478.4							
13.0	UBS	100701	04.03	14.858	21.12	000,70	1478.4							
. 3 - 3	510	00800	03.93	14.90	21.14	00.441	1479.7							
13.0	ılb ə	100981	03.86	34.903	27.75	0.,	1480.7							
13.0	UHS	101348	03.74	34.724	27.76		1488.1							
					*****	c: ******	•							

REFIL 31 2135 CONSEC USIL LAT 55 UN N CONSTRUCTOR	HUNI DAY	R 1972 Im 09 22 16.1	SHIP SC DATA USC I APEA US	#ET 5 BARC		34 SE A	GT PER 3 2	HIND-DIR HIND-SPO HIND-FCH HEATHER	10	TRAL I	NANSEN E DIR TIGN AI OU		5 2	N SU 140 SUUARE SUUARE 4 SUUARE 5
CASTNUMZTIAL	LVLTYP	DEPTH	TEMP	5 <b>4</b> t	S 1 - 1 - 1	HISCNYU	SND VEL	UXYG	P.14	TUT P	NÖZ	NUB	S1.13	РН
	STU	JUL (1)	04.53	10.01	20.60	00.000	1468.9							
16-1	.8.5	00000	04.93	33.067	26.60		1468.7							
	STO	00013	04.42	33.04	26.03	03.014	1469.1							
	210	00020	û4.92	53.67	26.06	00.023	1464.2							
	STL	0003)	04.91	33.67	25.67	00.042	1469.4							
10.1	_H S	00033	04.91	33.094	20.01		1464.4							
	5 <b>f</b> D	00350	⊍4.71	71. د د	26.71	CU. 373	1468.7							
16.1	-85	00055	04.41	33.712	20.74		1468.3							
	5111	00075	01.75	34.30	27.26	00.047	1457-1							
16.1	UBS	00385	01.39	34.228	27.42		1455.9							
	5 1 (1	00103	02.12	34.50	27.53	00.114								
16.1	1185	00110	03.40	14.040	27.58		1465.5							
	S 1 ()	07152	03.04	34.70	21.00	00.128	1467.3							
	5111	00150	01.40	34.77	27.63	03.140	1463.8							
io.i	UBS.	CUTES	04.10	34.803	27.64		1469.7							
	∪اد	00200	64.30	34.45	27.66	00.164	1471.2							
16.1	18.5	100220	04.11	34. 455	21.66		1471.7							

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Table H1.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 48-19 March 1971, Prepared from NODC Listing No. 31–8263.

REFID 31 8263 CUNSEC 0001 LAT 47 00 N LONG 048 00 M	YEAR 19 MUNTH OYY HOUR O	03	HIP 3L ATA USF 1 REA J5	AIR TEM WET BUE HARUME! CLUUD I	8 01.6 6 1010.5	DIK HG 21 2 SEA CL/TH		MIND-DIR . MIND-SPD . MIND-F.R WEATHER	2 >	INST ST TRACE & DUKATTO DRIG /	JN	DER DOS.L	5 SUU 2 SUU	L 1306 ARE 4 ARE 68 APF 78
CASTNUM/TEM	LVLTYP	UEP1H	TeMP	SAL	1-AMO1	PIROPIH	SNU VEL	3476	P)+ 1	10 <b>1</b> P	NOZ N	S I د د	n <b>s</b> P	н
05.8	UBS STO UBS	00000 00010 00010 00010 00010 00020 00030 00030 00030 00050 00050 00050 00050 00050 00050 00050 00050 00050 00050 00050 00050	- 1.05 - 1.06 - 1.06 - 1.07 - 1.07 - 1.08 - 1.08	32.97 32.97 32.97 32.98 32.98 32.98 32.97 32.97 32.97 33.17 33.17 33.17 33.44 33.49	20.53 20.53 20.53 20.53 20.53 20.54 20.53 20.55 20.55 20.08 20.08 20.08 20.48 20.49	00.015 00.330 00.345 00.075	1445 . l 1444 . 7							
REF10 31 8263	YEAH 1	1971	80 TUP - 00179	Alk TE	MF 02.2	.116 6	GT PER	mIND-DIR	21	1.451	STO RECO	ne ne o	TEL	50 1306
REFER 31 8263 CUNSEC UUUZ LAT 47 00 N LENG U47 44 W	HUNTH DAY HOUR L	03	SHIP 3L DATA USE L AREA US	mET bt	JLB 01.6 TR 1010.5	21	4 3	WEATHER	25	TRACE DURAT	DIR	00.0	5 50 2 50	DUARE 4 DUARE 66 DUARE 77
CASTAGAZTINE	LVLTYP	LEPIN	TEMP	SAL	SIGMA-T	DYNOPTH	SNU VEL	(IXYG	P ) 4	101 P	NOZ	103 S	103	РН
U7.5	STO UAS STO STO UAS ST	00000 00010 00010 00010 00020 00020 00030 00050 00055 00060 00055 00060 00075 00075 00075 00075 00075 00075 00075 00075 00075 00075 00075 00075	- 0.45 - 0.45 - 0.45 - 0.45 - 0.45 - 0.46 - 0.47 - 0.64 - 0.78 - 0.78 - 0.78 - 1.11 - 0.78 - 1.11 - 0.27 - 0.44 - 0.14 - 0.36 - 0.44 - 0.14 - 0.36 - 0.44 - 0.14 - 0.36 - 0.44 - 0.44 - 0.44 - 0.44 - 0.44 - 0.44 - 0.44 - 0.46 - 0.47 - 0.46 - 0.47 - 0.47	32. 79 32. 79 33. JO 34. JO 35. JO 36. JO 37. JO 37	26.55 26.55 26.55 26.55 26.55 26.55 26.55 26.55 26.56 20.68 20.68 20.68 20.73 20.73 20.75 20.75 20.92 20.92 21.00 27.04 27.04	00.363 00.014 00.029 03.044 63.374	1442.9 1447.5 1446.8 1448.2 1451.1 1451.1 1452.1							
REFID 3L 8263 CONSEC 9003 LAT 47 00 N LUNG 947 39 W	YEAR : MONTH ()AY HOUR (	03 18	BOTOP CO220 SHIP 3L DATA USE 1 AREA 35		DL8 ETR 1010.6	21		AIND-DIR AIND-SPO AIND-FIR RÉATHEK	1+	TRACE DURAT		00+2	5 S	SJ 1306 QUARE 4 QUARE 66 UUARE 77
CASTNUM/TIME	LVLTYP	DEPTH	IEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXYG	PJ4	ICI P	NO2	NU3 5	103	РН
08.5	\$10 08\$ \$10 08 08 08 08 08 08 08 08 08 0	00000 00000 00010 00010 00020 00030 00050 00050 00055 00075 00075 00085 00100 00125 00150 00150 00150 00150	- 0.98 - 6.59 - 0.98 - 0.98 - 1.03 - 1.03 - 1.26 - 0.67 - 1.63 - 0.95 - 0.95 - 0.95 - 0.101 - 01.02 - 01.02	32.99 32.49 32.49 33.00 33.00 33.01 33.10 33.10 33.12 33.29 33.32 33.40 33.62 33.87 33.87	20.55 26.55 26.55 26.55 26.55 20.56 20.56 20.64 20.66 26.78 26.83 26.93 20.96 26.93 27.16 27.16 27.21	00.000 00.019 00.029 00.044 00.073 00.107 00.137 00.165 00.190	1+42 .0 1442 .0 1442 .1 1442 .1 1442 .3 1442 .3 1442 .2 1441 .4 1441 .4 1441 .4 1445 .1 1440 .8 1444 .4 1456 .0 1456 .0 1456 .8 1455 .8							

Table 111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19 March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFIO 31 8263 CUNSEC 3004 LAT 46 58 N LUNG 347 11 W	MUNTH	03 18	BOTOP OU365 SHIP 3L DATA USE 1 AREA US	HET BAKD	TEMP 01.0 0UL6 01.4 0.010.6	OIR H 21 SEA CL/TR	GT PER 2 2	AINO-OLR ALNO-SPO AINO-EUR AEATHEK	14	TRAC	STU KEC E DIR Tion Az 043	00-1	5 2	EN SQ I SQUAPE SQUARE SQUARE	E 46
CASTNUP/TIME	LVLTYP	ОЕРТН	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXY G	P)4	TUT P	NU2	NO3	\$133	Рн	
CASTNUM/TIME	\$10  985  \$10  985  \$10  985  \$10  985  \$10  985  \$10  985  \$10  985  \$10  \$10  \$10  \$10  \$10  \$10  \$10  \$1	000 00 00 00 00 00 00 00 00 00 00 00 00	- 1.36 - 1.37 - 1.37 - 1.37 - 1.37 - 1.37 - 1.37 - 1.37 - 1.50 -	33.08 35.08 35.08 35.08 33.08 33.08 33.08 33.19 33.25 33.41 33.47 33.48 33.47 33.49 33.92 33.93 34.93 34.93 34.93 34.93 34.93 34.93 34.94 34.93 34.93 34.94 34	26.63 26.63 20.63 20.63 20.63 20.63 20.63 20.77 20.77 20.35 20.71 20.35 20.71 20	07N0PTH	1440.3 1440.4 1440.6 1440.6 1440.7 1440.7 1440.7 1440.7 1440.7 1440.7 1440.7 1440.1 1447.2 1446.8 1447.4 1446.8 1447.4 1448.8 1447.4 1448.8 1447.4 1448.3 1448.8 1451.7 1452.3 1452.3 1452.3 1452.3 1450.3 1460.3 1460.3 1460.3 1460.3	JXYG	P)4	TUT P	NU2	NO3	5133	PH	
	088	00310	03.82	34.73	27.61	••••••	1470.8								
#EFIU 31 8263 CONSEL 0005 LAT 47 UU N LUNU 046 57 W	YEAR I MUNTH DAY HOUR I	03 13	BUTUP GEOSU SHIP 3L DATA USL 1 AREA OS	AIR WLT BAFU CEGUI	30L8 01.c	DIR HU 21 2 SEA CL/TR		#1\U-U1 K #1\U-SPU #1\U-FUR #E&THEK	13	TRACE DURA I		ORDER U OJ.3	5 2	N SJ 1 SJOARE SJUAKE SJUAKE SAUGE	66
CASTNLM/T1ME	LVLTYP	UEPTH	TEMP	SAL	\$15MA-1	LYNOPTH	SNO VEL	JXYG	P)4	TGT P	ND2	14113	\$193	РН	
11.7	\$10 985 \$10 98	000 00 00	- 1.34 - 1.34 - 1.34 - 1.34 - 1.34 - 1.34 - 1.36 - 1.36 - 1.36 - 1.36 - 1.37 - 1.07 -	33.24 33.24 33.24 33.24 33.24 33.24 33.24 33.24 33.32 33.40 33.40 33.49 33.57 33.81 33.57 33.81 33.65 34.14 34.16 34.16 34.17 34.18 34.23 34.10 34.10 34.11 34.23 34.23 34.23 34.10 34.10 34.11 34.23 34.24 34	26.76 20.70 20.70 20.76 26.76 26.76 20.76 20.76 20.76 20.30 20.38 20.00 27.00 27.00 27.13 27.15 27.35 27.35 27.35 27.35 27.35 27.35 27.35 27.35 27.35 27.35 27.36 27.60	00.000 00.012 03.025 03.035 00.063 00.091 00.115 00.137 00.155 00.186 00.213 00.233 00.291 00.341 00.390 00.457 00.535	1441.0 1441.1 1442.8 1442.6 1447.6 1447.6 1447.6 1452.2 1452.2 1452.3								

Table III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18–19 March 1971, Prepared from NODC Listing No. 31–8263,—Continued

REFIU 31 8263 CONSEC 0006 LAT 47 00 N LJNG 046 40 H	YEAR 19 ™DNIH DAY HÙUK 15	03 S	UTOP 01189 HIP 3L ATA USL 1 REA 05	AIR TE WET BU BARGME CLOUD	TK 1010.7	0[K FG 19 2 SEA GE/TR		MIND-DIR L MIND-SPO 2 MIND-FOR MEATHER X	) I	INST ST TRACE O OURATIO ORIG 4	)N	DE K ⊝ 00.3	2	L CS N SUUAHE SUUAHE SUUAHE	66
CASTNUMITIME	LVLTYP J	EPIH	TEMP	SAL	51-MA-T	HTYCPYU	SNU VEL	JXY6 P	14 1	UT P	1402	03	101	PH	
(ASTNUM/TIME 15.3	\$10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EPIH  100000 100101 100101 100101 10020 10020 10020 10020 10030 10050 10050 100100 101100	1 1 10 1 10 1 10 10 10 10 10 10 10 10 10	5AL  33.30  33.30  33.30  33.31  33.31  33.31  33.31  33.71  33.97  34.08  34.38  34.73  34.73  34.73  34.73  34.73  34.79  34.86  34.86  34.87  34.93	26.30 26.80 26.80 26.81 26.81 26.81 26.82 27.11 27.11 27.25 27.30 27.46 27.46 27.46 27.63 27.66 27.66 27.66 27.68 27.76 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77 27.77	00.300 00.012 00.025 00.037 00.059 00.081 00.101 00.119 00.134	1+41.8 1+41.3 1+42.0 1+42.2 1+42.4 1+42.4 1+42.3 1+40.3 1+40.3 1+40.3 1+40.3 1+40.3 1+40.3 1+40.3 1+40.3 1+40.3 1+40.3 1+40.3 1+65.1 1+73.1 1+				nuz				
REFIU 31 d20 CJYSEC 000 LAT 47 00 LUNG 040 31	7 46NTH	03 18		#ET 1 dans	TEMP 03. BULS 03. PMETR 1009. DO T/A	.3 18	HGT PER 2 2 K	₩1ND-D1R #1ND-\$PD #1ND-FJR #E& THE?	23	TRACE DURAT		00.	•	TEN SO 5 SOUA 2 SOUA 1 SOUA	RE 66
CASINUM/TIME	LVLTYP	0 <b>EPI</b> H	TEMP	SAL	S13#4-1	HIGUNYC	SAO VEL	L OXY G	PJ4	TOT P	NU2	NO3	stu	3 РН	
18.3	\$10 085 \$10 085	00000 00000 00010 00020 00020 00030 00030 00030 00030 000100 00100 00100 00125 00150 00250 00250 00300 00400 00400 00500 00500 00500 00500 00500 00500	- 0.27 - 0.27 - 0.27 - 0.27 - 0.27 - 0.27 - 0.27 00.59 00.81 00.81 02.01 02.01 02.06 03.06 02.66 03.30 02.76 02.76 03.51 03.92 04.33 04.45 04.45 04.45 04.45 04.45 04.45 04.45	33.53 33.53 33.69 33.69 33.77 33.76 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.20 34.30 34.40 34	20.94 26.94 26.95 27.04 27.09 27.10 27.10 27.15 27.32 27.32 27.35 27.35 27.45 27.45 27.45 27.46 27.68 27.66 27.66 27.66 27.66 27.67 27.73 27.71	00.072	1446.0 1446.2 1450.5 1451.6 1451.8 1451.7 1457.7 1461.3 1461.3 1461.3 1462.2 1462.2 1468.6 1471.3 1471.3 1471.7 1472.7 1472.7 1472.7 1474.0 1475.2								

Table III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19
March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REFIN 31 8263 CONSEC 0008 LAT 47 00 N LUNG 046 EO H	YEAR 1971 MUNTH 03 DAY 18 HOUR 20.5	BUTDP 00335 SHIP 3L DATA USE 1 AREA 05	AIR TEMP 04.3 MET BULB 04.0 BARGMETR 1006.8 CLW) T/A	DIR HUT PER 16 2 3 Sea CL/TR	WING-OIR IS WIND-SPO 22 WIND-FUR WEATHER X4	INST STU RECORDER TRACE OIR 0 S SOUARE 4 OURATION 00-2 2 SQUARE 66 ORIG A2 043 1 SQUARE 76
CASTNUMZTIME	LVLTYP OEPTH	TEMP	SAL SIGNA-I	DYNOPTH SNO VEL	OXYG P14	101 P NO2 NO3 S103 PH
20.5	\$10 00000	01.63 01.63 01.63 01.65 01.65 01.65 01.60 01.46 01.46	33.75 27.02 33.75 27.02 33.75 27.02 33.75 27.02 33.75 27.02 33.75 27.02 33.75 27.02 33.75 27.03 35.73 27.01 35.73 27.03 35.75 27.03 35.75 27.03 34.05 27.25 34.05 27.25	00.000 1454.9 00.010 1455.1 1455.1 00.021 1455.3 00.031 1455.2 1455.2 00.052 1455.0 1455.7 00.073 1457.1		
REF10 31 8263 CONSEC 0009 LAT 47 02 N LUNG 045 45 M	YEAR 1971 MONTH 03 OAY 19 HOUR 00.0	BUTUP 00280 SHIP 3L DATA USE 1 AREA 05	AIR TEMP 07.0 HET BULB 06.7 BAROMETR 10G3.5 CLCUD 1/A 5/8	OLK HGT PER 14 2 3 SEA LL/TR	WIND-OLR 14 WIND-SPD 25 WIND-FUK WEATHER X6	INST NANSEN CAST TEN SU 1306 TRACE OIR 5 SOUARE 4 DURATIUN 2 SQUARE 64 ORIG A2 043 1 SUARE 75
CASTNUM/TIME	LVLTYP OEPTH	TEMP	SAL SIGMA-T	DYNOPTH SNO VEL	OXYG PJ4	TOT P NU2 NOS STOS PH
00.0 00.0 00.0 00.0 00.0	\$10 00000	02.65 02.52 02.39 02.33 02.03 02.03 01.08 01.86 01.81 01.74 01.69 01.66	33.78	00.000 1459.4 1459.4 00.011 1459.0 00.022 1458.6 1458.4 00.032 1450.1 1457.5 00.054 1457.3 00.079 1457.3 00.104 1457.4 00.1127 1457.5 00.124 1457.5		
KEF19 31 8263 CUNSIC 0019 LAT 47 23 N LUNS 045 50 H	YEAR 1971 MUNTH 03 DAY 15 HUUK 04.7	BUTUP 00280 SHIP 3L OATA 9SE 1 AKFA 05	AIR TEMP 05.8 WET BULB 06.8 BARGMETR 0999.4 CLUUD T/A	DIR HGT PER 18 5 3 SEA CL/TR	EI RIGHONIN 25 OGZHÜNIN RIGHONIN EN HÄMTABW	1951 STO RECURDER TEN SQ 1306 FRACE DIR D 5 SQUARE 4 DUKATION 03-1 2 SQUARE 64 UKIG A2 043 1 SQUARE 75
(ASINUM/IIME	LVLTYP DEPTH	i TEMP	SAL SIGMA-T	DYNUPTH SNU VEL	JXYG PJ4	TOT P NU2 NU3 5133 PH
04.7	\$10 00000  BB\$ 00010  STD 00020  STD 00020  STD 00030  STD 00050  STD 00075  STD 00075  STD 00100  BB\$ 00150  BB\$ 00150  BB\$ 00150  BB\$ 00150  BB\$ 00150  BB\$ 00150  BB\$ 00200  BB\$ 00200	01.93 01.97 01.97 01.97 01.97 02.10 02.10 02.10 02.10 02.10 02.10 02.10 02.10 02.10 02.10 02.10 02.10 02.10 02.10 03.71 03.29 03.71 04.34 04.34 04.37	33.83 27.06 33.83 27.06 33.83 27.06 33.83 27.06 35.85 27.08 33.81 27.11 33.84 27.13 33.94 27.13 33.94 27.13 33.94 27.13 34.04 27.2d 34.24 27.34 34.38 27.39 34.36 27.39 34.36 27.39 34.36 27.36 34.60 27.52 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.56 34.76 27.66 34.76 27.66	00.000 1456.6 1450.7 1450.7 1450.7 1450.7 1450.7 1450.7 1450.7 1450.7 1450.7 1457.7 1457.7 1457.7 1457.7 1457.7 1457.7 1457.7 1457.7 1464.7 1466.7 1467.2 1471.2 1471.5		

Table 111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18–19
March 1971, Prepared from NODC Listing No. 31–8263.—Continued

REFIO 31 9263 CUNSEL 0011 LAT 47 40 N LUNG 045 50 H	MON I	1971 H U3 19 . 07.4	80TOP 00330 SH1P 3L DATA (ISF 1 AREA 05	HE T HAR	TEMP 05.6 dulb 05.2 JMETR 0996.9 J) T/4	OIF F 18 SEA CL/TR		HINO-OIR HIND-SPO HIND+F:)R HIATHER	25	TRACE OURAT		00 • 1	5	N SU I SUUARE SUUARE SUUARE	64
CASTNUM/TIME	LVLTYP	OFFTH	TEMP	SAL	STOMA-T	DYNDPIH	SND VEL	JXY G	P.4	TOT P	NU2	NJ3	Stu3	Pri	
	\$10	00000	02.31	33.42	21.10	00.303	1.58.1								
07-4	UBS	00000	02.31	33.92	21.10	00.000	1458.1								
	STO	01000	02.29	33.42	27.11	03.004									
	U85	00010	02.29	33.92	27.11	00,007	1458.2								
	STO	00029	02.28	33.42	27.11	00.019	1458.3								
	1185	20050	02.28	33.92	27.11	00.017	1458.3								
	510	00030	02.26	33.92	27.11	00.029	1458.4								
	UHS	0 00 30	02.26	35.92	27.11		1458.4								
	510	00050	02.02	33.95	27.15	03.047									
	UBS	00050	02.02	13.45	21.15	00101.	1457.7								
	085	J0065	02.01	33.95	21.15		1457.9								
	510	00075	01.64	33.93	27.16	00.070	1456 .4								
	9.5	00075	01.09	33.43	27.16		1450.4								
	Sto	00100	01.82	34.34	21.24	00.092	1457.8								
	нS	00100	01.32	34.04	21.24	0000.	1457.8								
	SID	20172	C1.98	34.10	21.21	00.113									
	085	00125	01.98	34-10	21.21		1459.0								
	STD	00150	02.52	34.30	27.35	00.132									
	aus	00150	02.52	34.50	21.35		1462.0								
	18.5	30155	02.41	14.34	21.43		1461.7								
	J 85	00168	33.00	34.00	21.57		1467.1								
	UUS	00182	04.19	34.79	27.02		1470.4								
	510	00200	04.48	34.34	21.63	00.162	1471.9								
	UHS	00500	04.46	34.34	27.63		1471.9								
	∩8.S	30225	04.61	34.90	21.66		1473.0								
	CIZ	00253	04.41	34.88	27.67	03.186	1472.5								
	UBS	00250	04.41	34.98	21.67		1472.5								
	380	J0265	04.47	34.91	27.71		1472.6								
					• • • • • •	• • • • • • • •	•								

REF10 31 3263 CUNSEC 0012 LAT 43 00 N LUNG 045 50 M	HUNT OAY	1971 H 03 19	SUTOP 00732 SHIP 3L DATA USE 1 AREA 05	WET BARD	TEMP 00.3 BULB 00.0 METH 0994.9 U 174	OIR + IB SEA CL/TR		MIND-DIR MIND-SPD MIND-FLR WEATHER	23	TRACE OUFAT		00.2	5	N SU 1 SUUARE SUUARE SÜUARE	44
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNL VEL	UXY G	P 14	TOT P	ND2	NOS	\$1:13	РН	
	519	03000	01.39	33.42	21.11	00. )0u	1454.1								
10.0	085	00000	01.39	33.42	27.17		1454.1								
10.0	STD	00010	01.35	33.92	27.17	03.309	1454.2								
	J8 S	00013	01.38	33.42	27.17		1+54.2								
	STO	00020	01.39	33.92	21.17	00.319	1454.4								
	U8.S	00020	01.30	33. 12	27.17		1454 .4								
	STO	00030	01.35	33. 33	27.18	03.321	1454.5								
	185	00030	01.30	33.45	27.18		1454.5								
	J8 S	00038	01.39	33.44	21.23		1454.3								
	STO	00050	v1.65	34.33	27.24	03.344	1456.3								
	18.5	30050	01.68	34.03	21.24		1450.3								
	\$10	00675	01.90	34.10	27.28	00.065	1458.1								
	1.85	00015	31.96	34.10	21.28		1458.1								
	510	00100	31.94	34.13	21.30	00.084	1458.5								
	LdS	00100	01.94	34.13	21.30		1458.5								
	STO	00125	03.66	34.01	27.58	00.101	1461.0								
	2 th S	00125	03.06	34.61	21.58		1467.0								
	510	30150	64.11	34.50	21.64	00.113	1469.5								
	UB S	00150	04.11	14.50	21.04		1464.5								
	UBS	00160	04.28	34.32	27.03		1470.4								
	UdS	00175	04.11	34.80	21.64		1469.9								
	STO	10500	04.17	3 05	21.61	00.137	1470.7								
	7d S	00200	34.17	34.85	21.51		1410-7								
	STD	00253	04.33	30.11	21.16	00.159	1432.2								
	uBS.	00250	04.33	34.91	27.10		1472.2								
	510	00300	04.44	34. 14	27.71	03.160	14/3.0								
	185	00300	04.44	54.14	21.11		1473.6								
	\$10	00+00	64.21	34.95	21.14	00.222	1474.5								
	JHS	00+00	04.21	34.95	41.14		1474.5								
	STO	U0500	0 - 1 5	14.35	21.15	00.262	14/5.0								
	14.5	00500	04.13	34. 15	21.15		1475.6								
	510	00600	04.05	34.46	21.11	CO. 302	1+16.9								
	0.65	006.00	04.05	34.75	21.11		1470.9								
	18.5	00623	04.07	34.90	21.11		1477.3								
	163	00655	0.00	3.4. 10	21.17		1477.9								

Table III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18–19

March 1971, Prepared from NODC Listing No. 31–8263.—Continued

REFIO 31 8263 CONSEC 0013 LAI 48 20 1 LUNG 045 50 1	MUNTI	1971 H 03 19 13.4	BUTOP 00951 SHIP 3L DATA USE L AREA G5	MET HAPD	TEMP 04.8 BULB 04.3 METR 0993.3 D 1/A	OIR F 17 SEA CL/TR		AIND-UIR MIND-SPD MIND-FJR WEATHER	24	TH ACE		00.3	5 2	N SO 1 SQUARE SQUARE SQUARE	4 8 <b>4</b>
CASTNUNZTIME	LVLTYP	DEPTH	TEMP	SAL	1-AM212	OYNDPTH	SNO VEL	UAYG	P J 4	TOT P	NO2	NO3	5103	РН	
	STU	00000	01.13	33.90	27.18	00.000	1452.9								
13.4	OBS	00000	01.13	33.40	27.18	00.000	1452.1								
	STO	00010	01.13	33.90	27.16	00.009									
	DBS.	00010	01.13	33.90	27.18	000,000	1453-1								
	STO	00023	01.12	33.90	27.1€	00.018									
	UR 2	60020	01.12	33.70	27.18	******	1453.2								
	STD	00030	01.12	33.89	27.17	00.327									
	085	00030	01.12	33.09	27.17		1453.3								
	STD	00050	01.06	33.95	21.22	00.044	1453.5								
	OBS	00050	01.06	33.45	21.22		1453.5								
	STD	00075	01.25	34.04	21.28	00.065	1454.9								
	DB 5	00075	01.25	34.04	27.28		1454.9								
	STO	00100	01.81	34.24	27.40	00.084	1458.0								
	J8 S	00100	01.61	34.24	27.40		1458.0								
	510	00125	02.66	34.33	27.40	00.101	1462.3								
	Ŭ <b>8</b> S	00125	02.66	34.33	27.40		1462.3								
	STO	00150	03.16	34.54	21.53	00.117	1465.1								
	UBS	00150	03.16	34.54	27.53		1465.1								
	510	00200	03.96	34.79	27.64	00.144	1469.7								
	285	00200	03.96	34.78	27.64		1469.7								
	\$ <b>1</b> D	00250	04.41	34.38	27.67	00-167									
	085	00250	04.41	34.08	27.67		1472.5								
	SID	00300	04.50	34. 12	27.65	00.190	1473.8								
	085	00300	04.50	34.92	27.69		1473.8								
	STO	00400	04.49	3 - 75	27.12	00.234									
	08.5	00400	04.49	34.95	21.12		1475.4								
	012	00500	04.34	34.95	27.13	00.277									
	085	00500	04.34	34.95	27.73		1476.5								
	510	00600	04.21	34 . 94	27.74	00.320	1477.6								
	085	00600	04.21	34.94	27.74		1477.6								
	012	00700	04.04	34.93	27.75	00.362									
	38 S S T O	00700	04.04	34.93	27.75	60 405	1478.5								
	085	00 8 00	03.97	34.93	27.76	00.405									
	0.02	00800	03+97	34.93	27.76		1479.9								
					• • • • • •		•								

REFIU 31 84 CONSEC 00 LAT 48 35 EUNG 045 50	014 MUN N EAY	AK 1971 NEH 03 Y 19 UR 18.9	SOTOP 01174 SHIP 3L DATA USE 1 AREA 05			OIR H 22 SEA CL/TR		MIND-DIR MIND-SPD WIND-EUR WEATHER	27	TRACE			5 2	N SO 1 SQUARE SQUARE SQUARE	84
CASTNUM/TE	E LVLTY	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	UXYG	P34	101 P	NUZ	NO3	\$133	PH	
	STO	00000	00.55	33.66	27.01	00.000	1449.9								
18.	9 DBS	00000	00.55	13.650	27.01		1441.7								
	STO	00010	00.61	33.08	27.03	00.010	1450.4								
	510	00020	00.66	33.71	27.05	00.020	1453.9								
18.	9 085	00028	00.71	33.728	27.06		1451.2								
	012	00030	00.81	33.78	27.10	00.030	1451.8								
	012	03050	01.74	34.12	∠7.31	00.048	1456 . 8								
18.	9 085	00054		34.163											
	\$10	00075	02.68	34.17	27-67 •	00.068	1461.3								
18.	9 085	00082	02.90	34.174	27.26		1462.4								
	STO	00100	03.20	34.44	27.44	00.086	1464.3								
18.	9 085	00108		34.530											
	510	00125	03.56	34.62	27.55	00.101	1460.0								
	\$10	00150	03.67	34.72	27.60	00.115	1468.4								
18.	9 085	00163	04.00	34.768	27.62		1469.2								
	510	00200	04-28	34.85	27.66	00.139	1471.1								
13.	9 UBS	100217	04.38	34.878	27.67		1471.9								
	510	00250	04.44	34.89	21.68	00.162	1472.7								
	STU	00 300	04.48	34.92	27.65	00.184	1473.7								
18.	9 085	00325	04.49	34.925	27.7C		1474.2								
	510	00400	04.44	34.94	27.71	00.224	1475.4								
18.	9 085	00432	04.43	34.950	21.12		1475.0								
	510	00500	03.91	34.88	21.12	00.272	1474.6								
18.	9 085	00541	03.79	34.864	27.72		1474.7								
	STD	00600	03.99	34.91	21.74	00.315	1470.6								
10.	9 085	00648	64.09	34.442	27.75		1477.9								
	STO	00700	04.03	34.94	27.75	00.357	1478.5								
	510	00400	03.93	34.93	27.76	03.400	1479.7								
18.	9 085	100862	03.67	34.922	21.16		1480.2								
	510	60400	03.83	34.42	21.16	00.442	1480.9								
	510	01000	03.73	34.92	21.17	00.485	1482.2								
18.		01074	03.67	34.422	27.78		1483.2								
•															
	510	01100	03.65	34.93	21.19	00.527	1483.5								

Table IV.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CAMPBELL, 14-16 July 1971, Prepared from NODC Listing No. 31-1887.

REFIO 31 1887 YEAR 1971 CONSEC 0001 MONTH 07 LAT 48 38 N OAY 14 LONG 045 51 H HOUR 19.7		1 07	80TOP 01086 SHIP CM OATA USE 1 AREA OS	AIR TE WET BU BAROME CLOUO	ILB 09.4 TR 1015.5	OIR HGT PER IB 4 2 SEA CL/TR	WIND-OIR WIND-SPO WIND-FOR WEATHER	10	TR AC	NANSEN CAS E OLR TION AZ 049	TEN SO 1306 S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CASTHUM/TIME	LVLTYP	DEPTH	TEMP	SAL	S LGMA →T	OANOBIH ZNO AEF	OXYG	P04	TOT P	NO2 NO	3 S403 PH
	STO	00000	07.95								
19.7	085 STD	00000	07.95 06.46								
	STO	00020	05.22								
	STO	00030	04.22								
19.7	085 012	00033 00050	03.97 03.05								
19.7	085	00006	02.69								
10.1	STD 085	00075	03.00								
19.7	ST0	00100	03.52 03.52								
	STD	00125	03+50								
19.7	OBS STO	00131	03.49 03.66								
19.7	085	00190	03.84								
10.7	012	00200	03.79								
19.7	085 STO	00250	03-65 03-65								
	STO	00300	03.81								
19.7	280 210	00364	03.98 04.09								
19.7	085	00480	04-18								
	012	00500	04.12								
19.7	085 STD	00594 00600	03•95 03•96								
	STD	00700	04.04								
19.7	085	100708	04.05								
					*****	*******					
REF10 31 1887 CONSEC 0002 LAT 48 20 N LONG 045 50 H	MONT	14	BOTOP 01024 SHIP CM DATA USE 1 AREA 05	AIR T WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8	OIR HGT PER 18 1 3 SEA CL/TR	WIND-OIR WIND-SPO WIND-FOR WEATHER	10	TRAC	T NANSEN CAS CE OIR ATION G A2 049	TEN SQ 1306 5 SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N	MONT) OAY HOUR	07 14 23-1 DEPTH	SHIP CH DATA USE 1 AREA 05	WET 8	UL8 08.9 ETR 1017.8	18 1 3 SEA	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 045 50 W	MONTHOUR HOUR	07 14 23-1 DEPTH 00000	SHIP CH DATA USE I AREA OS	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 M LONG 045 50 W	MONT, OAY HOUR LVLTYP STO OBS	07 14 23-1 DEPTH	SHIP CH DATA USE 1 AREA 05	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 045 50 W	MONTY OAY HOUR LVLTYP STO OBS STO STO	07 14 23-1 DEPTH 00000 00000 00010 00020	SHIP CH DATA USE 1 AREA 05	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 M LONG 045 50 M CASEMUM/TIME	MONTY OAY HOUR LVLTYP STO OBS STO STO STO	07 14 23-1 DEPTH 00000 00000 00010	SHIP CH DATA USE 1 AREA 05 TEMP 07.67 07.67 04.80 02.65 01.24	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 M LONG 045 50 M CASTNUM/TIME 23.1	MONTY OAY HOUR LVLTYP STO OBS STO STO STO OBS STO	07 14 23-1 0EPTH 00000 00010 00010 00020 00030 00030	SHIP CH DATA USE 1 AREA 05 TEMP 07.67 07.67 04.80 02.65 01.24 01.24	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 M LONG 045 50 M CASEMUM/TIME	MONTY OAY HOUR STO OBS STO STO STO OBS STO OBS	07 14 23-1 0EPTH 00000 00010 00020 00030 00030 00030 00050	SHIP CM DATA USE 1 AREA 05 TEHP 07.67 07.67 04.80 02.65 01.24 01.28 01.38	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 M LONG 045 50 M CASTNUM/TIME 23.1	MONTY OAY HOUR STO OBS STO STO STO OBS STO OBS STO OBS	07 14 23-1 0EPTH 00000 00010 00020 00030 00030 00050 00060 00075	SHIP CM DATA USE 1 AREA 05 TEMP 07.67 07.67 04.80 02.65 01.24 01.28 01.38 01.68	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1	MONTO OAY HOUR STO OBS STO STO OBS STO OBS STO OBS STO OBS	07 14 23-1 DEPTH 00000 00000 00010 00020 00030 00030 00050 00060 00075 00089 00100	SHIP CM DATA USE 1 AREA 05 TEMP 07.67 07.67 04.80 02.65 01.24 01.28 01.38 01.68 01.97	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 045 50 H CASTNUM/TIME 23.1 23.1	MONTHOUSE HOUSE HO	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SHIP CH I OS I AREA OS I TEHP O7.67 O7.67 O4.80 O2.65 O1.24 O1.28 O1.38 O1.97 O2.22 O2.66	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1 23.1	MONTY OAY HOUR STO OBS STO	07 14 23-1 0EPTH 00000 00000 00010 00020 00030 00030 00050 00050 00050 00050 00015 00089 00100 00119 00125	SHIP CH DATA USE 1 AREA 05 TEHP 07.67 07.67 04.80 02.65 01.24 01.28 01.38 01.97 02.22 02.66 02.85 03.50	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1	MONT; OAYY HOUR STO OBS STO OB OB STO OB OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB OB STO OB STO OB STO OB STO OB STO OB OB STO OB STO OB STO OB STO OB STO OB OB STO OB STO OB OB STO OB STO OB STO OB OB STO OB O	07 14 23-1 0EPTH 00000 00010 00010 00020 00030 00050 00060 00075 00089 00100 00119 00125 00150	SHIP CM DATA USE 1 AREA 05  TEMP  07.67 07.67 04.80 02.65 01.24 01.38 01.97 02.22 02.66 02.85 03.50 04.03	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1 23.1	MONT; OAY HOUR STO OBS STO OB STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OB OB STO OB OB STO OB OB OB STO OB STO OB OB STO OB STO OB OB STO OB STO OB STO OB STO	07 14 23-1 0EPTH 00000 00010 00010 00020 00030 00050 00050 00050 00050 00100 00119 00125 00150 00179 00200	SHIP CM DATA USE 1 AREA 05  TEMP 07.67 04.80 02.65 01.24 01.28 01.38 01.97 02.22 02.66 02.85 03.50 04.03 04.18	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1 23.1	MONT; OAY HOUR STO OBS STO OB STO OBS STO OBS STO OBS STO OBS STO OBS STO OB OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB OB STO OB OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB OB STO OB STO OB STO OB STO OB STO OB OB STO OB STO OB OB STO OB STO OB STO OB OB STO OB ST	07 14 23.1 0EPTH 00000 00000 00010 00020 00030 00050 00060 00075 00100 00125 00119 00125 00150 00170 00120	SHIP CM DATA USE 1 AREA 05  TEHP  07.67 07.67 04.80 02.65 01.24 01.28 01.38 01.68 01.97 02.22 02.66 02.85 03.50 04.03 04.18 04.38	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1 23.1	MONT; OAY HOUR STO OBS STO OB STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OB OB STO OB OB STO OB OB OB STO OB STO OB OB STO OB STO OB OB STO OB STO OB STO OB STO	DEPTH  00000 00000 00000 00000 00000 00000 0000	SHIP CM DATA USE 1 AREA 05  TEMP 07.67 04.80 02.65 01.24 01.28 01.38 01.97 02.22 02.66 02.85 03.50 04.03 04.18	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1 23.1 23.1 23.1	MONT; OAY MOUR STO OBS STO	07 14 23-1 0EPTH 00000 00000 00000 00010 00020 00030 00050 00060 00075 00089 00100 00119 00125 00125 00179 00200 00300 00337 00400	TEMP  07.67 07.67 07.67 04.80 02.65 01.24 01.28 01.38 01.97 02.22 02.66 02.85 03.50 04.18 04.38 04.43	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1 23.1 23.1 23.1	MONT; OAYY HOUR STO OBS STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB OB STO OB OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB STO OB	DEPTH  00000 00010 00010 00020 00030 00030 00050 00075 00150 00119 00125 00150	TEMP  07.67 07.67 07.67 04.80 02.65 01.24 01.38 01.97 02.22 02.66 02.85 03.50 04.03 04.18 04.38 04.38 04.38 04.47	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23.1 23.1 23.1 23.1 23.1 23.1	MONT; OAY MOUR STO OBS	07 14 23-1 16 23-1 17 17 17 17 17 17 17 17 17 17 17 17 17	TEMP  07.67 07.67 04.80 02.65 01.24 01.28 01.97 02.22 02.66 02.85 03.50 04.03 04.18 04.34 04.34 04.35 04.47 04.43 04.49	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 W CASTNUM/TIME 23-1 23-1 23-1 23-1 23-1 23-1 23-1 23-1 23-1	MONT; OAY HOUR  STO OBS STO STO OBS	DEPTH  00000 00000 00000 00000 00000 00000 0000	SHIP CM DATA USE 1 AREA 05  TEMP  07.67 07.67 04.80 02.65 01.24 01.28 01.38 01.97 02.22 02.66 02.85 03.50 04.03 04.18 04.38 04.45 04.45 04.46 04.49 04.36	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 H CASTNUM/TIME 23-1 23-1 23-1 23-1 23-1 23-1 23-1 23-1	MONT; OAY; MOUR  LVLTYP  STO OBS STO	07 14 23-1 16 23-1 17 17 17 17 17 17 17 17 17 17 17 17 17	SHIP CM DATA USE 1 AREA 05  TEMP  07.67 07.67 04.80 02.65 01.24 01.38 01.97 02.22 02.66 02.85 03.50 04.03 04.18 04.34 04.38 04.45 04.47 04.43 04.49 04.36 04.49	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85
CONSEC 0002 LAT 48 20 N LONG 0+5 50 W CASTNUM/TIME 23-1 23-1 23-1 23-1 23-1 23-1 23-1 23-1 23-1	MONT; OAY HOUR  STO OBS	07 14 23-1 0EPTH 00000 00000 00000 00010 00020 00030 00050 00060 00075 00109 00120 00120 00120 00120 00120 00130 00120 00130 00250 00150 0	TEMP  07.67 07.67 07.67 04.80 02.65 01.24 01.28 01.38 01.97 02.22 02.66 02.85 03.50 04.18 04.38 04.49 04.38 04.49	WET 8 BAROM CLOUO	UL8 08.9 ETR 1017.8 T/A X/9	18 1 3 SEA CL/TR	WIND-SPO WIND-FOR WEATHER	10 X6	TRAC OURA OR LO	CE OIR ATION G A2 049	S SQUARE 4 2 SQUARE 84 1 SQUARE 85

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Table 111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-49
March 1971, Prepared from NODC Listing No. 31-8263,—Continued

CONSEC LAT 48	AT 48 04 N DAY 15		H 07 SHIP CM 15 DATA USE 1		TEMP 09.0 8UL8 08.2 METR 1019.1 0 T/A X/9	26 SEA	GT PER 2 3	WIND-DIR WIND-SPO WIND-FOR WEATHER	08	TRAC DURA	NANSEN E DIR Tion AZ 04	TEN SQ 1306 5 SQUARE 4 2 SQUARE 84 1 SQUARE 85			
CASTNUM	/ T 1 M E		DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXYG	P04	TOT P	NO2	NO3	2103	РН
	02.0	510 280	00000	07.30 07.30	32.45 32.450	25•39 25•39	00.000	1476.9							
		\$10	00010	04.56	32.91	26.09	00.022	1466.6							
	02.0	012 280	00020	02.46 01.65	33.28 33.434	26.58 26.77	00.039	1458.3							
		012 012	00030	01.04 - 0.04	33.53 33.84	26.88 27.19	00.052	1452-5 1448-3							
	02.0	280	00050	- 0.04	33.841	21.19		1448.3							
	02.0	510 280	00075	01.62 01.62	34.09 34.090	27.29 21.29	00.094	1456.6							
	02.0	012 280	00100	01.94 01.94	34.29 34.295	21.43	00.112	1458.7 1458.7							
	02.0	510	00125	02.48	34.44	27.51	00.128	1461.7							
	02.0	280 280	00150 00151	02 <b>.9</b> 5 02 <b>.9</b> 7	34.57 34.578	27.57 27.57	00.142	1464.3							
		012 012	00200 00250	03.61 04.09	34.71 34.82	27.62	00.168	1468.1							
		\$10	00300	04.40	34.89	27.66 27.68	00.215	1473.3							
	02-0	08 S 5 T D	00305	04.42 04.46	34.900 34.94	27.68 27.71	00.259	1473.5							
	02.0	280 510	00408	04.41	34.941	27.71		1475.5							
	02.0	OBS	00500 00510	04.67 04.69	34.95 34.949	21.69 21.69	00-305	1477.8 1478.1							
	02.0	280	100546	04.34	34.934	27.72		1477 - 2							
						****	********	•							
REF 10 31	1887	YEAR		BD TOP 00384	AIR T	EMr 07.1	OIR HG	r per	WIND-OIR	25	INST	NANSEN (	CAST	TEN	SO 1306
CONSEC LAT 47	0004 40 N	MONTH	1 07	SHIP CM DATA USE 1	WET 8	UL8 06.8 IETR 1020.7	25 2 SEA	3	WIND-SPO WIND-FOR	10	TRACE OURAT				QUARE 4 QUARE 64
LONG 045	55 W	HOUR	05.8	AREA 05	CL OUD		CL/IR		WEATHER	x4		AZ 049			DUARE 75
CASTNUM	TIME		OEPTH	TEMP	SAL	SIGNA-I	DYNDPIH	SND VEL	OXYG	P34	101 P	ND2	NQ3	5133	РН
	05.8	Q12 280	00000	07.26 07.26											
		012 012	00010 00020	05.25 03.58											
		510	00030	02+26											
	05 • 8	280 012	00048 00050	00.73 00.69											
	05.8	085 STD	00072 00075	00.42 00.49											
		012 012	00100	01.08											
	05.8	08\$	00125 00145	01.70 02.22											
	05.8	STO 085	00150 00195	02.36 03.58											
	05.8	012 280	00200 00245	03.71 04.80											
	0,00	-03	00243	04.00			• • • • • • • • • • • • • • • • • • • •								
						*****	* *********								
0.551.0 31	1003	v	0.7.				240							_	_
REFIO 31 CONSEC	0005		197 <u>1</u> H 07	80 TOP 00278		TEMP 19.0 8UL8 12.0		GT PER 22	# INO-01R # INO-5P0			NANSEN E DIR	CAST		N SQ 1306 SQUARE 4
	25 N		15	DATA USE 1 AREA 05		METR 1023.8			WIND-FOR WEATHER		DURA	T10N A2 04	•	2 :	SQUARE 64 SQUARE 75
							••••				520			•	, co
CASTNUM	I T I ME	LVLTYP	DEPTH	TEMP	SAL	51GMA-1	DYNDPTH	SNO VEL	O XY G	P34	TOT P	NO2	N03	2103	PH
	08.2	012 280	00000	07.78 07.78											
	00.2	STD	00010	05.34											
	08.2	510 880	00020 00025	03.42 02.65											
		STD	00030 00050	02.00											
	08.2	280	00050	00.73											
	08.2	Q12 280	00075 000 <b>7</b> 5	02.12 02.12											
	08.2	STO 085	00100	03.13											
		STD	00125	03.87											
	08.2	STD 085	00150 00151	04•28 04•29											
	08.2	ST0 280	00200 100202	04.06 04.05											
		210	00250	04.39											
	08-2	085	T00259	04.52											
						*****	********	•							

Table 111. Observed and Interpolated Occanographic Data from Stations Occupied by USCGC GALLATIN, 18-49
March 1971, Prepared from NODC Listing No. 31-8263. Continued

REFID 31 1887 CONSEC 0006 LAT 47 00 N LONG 045 50 W	YEAR 1971 MDNTH OF DAY 15 HOUR 10+5	80TDP 00279 SHIP CM DATA USE 1 AREA 05	AIR TEMP 11.0 MET 8UL8 08.8 BAROMETR 1025.1 CLOUD T/A 6/8	DIR HGT PER 26 2 2 SEA CL/TR	WIND-DIR 14 WIND-SPO 05 WIND-FOR WEATHER X2	INST NANSEN CAST TRACE DIP DURATION ORIG AZ 049	TEN SO 1306 S SQUARE 4 2 SQUARE 64 1 SQUARE 75
CASTNUM/TIME	LVLTYP DEPT	н Тенр	SAL SIGMA-I	DYNDPTH SND VEE	OXYG PD4	FOT P NO2 NO3	S103 PH
10.5 10.5 10.5 10.5	STD 0000 D8S 0000 STD 0000 STD 0000 D8S 0000 STD 0010 D8S 0010 STD 0011 D8S 0010 STD 0012 D8S 0010 D8S 0000 D8S 00000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 00000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 00000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 0000 D8S 00000 D8S 0000 D8S 0000 D8S 0000 D8S 00000 D8S 000000 D8S 000000 D8S 00	0 07.83 0 06.65 0 05.56 4 05.15 0 04.44 8 02.97 0 02.94 1 02.57 5 02.43 5 02.10 0 02.35 5 03.44 5 04.10 0 4.12 0 4.30					
10.5	D8S 10024	9 04.48	****	• • • • • • • • • • • • • • • • • • • •			
REFID 31 1887. CUNSEC 0007 LAT 47 02 N LONG 046 09 H	YEAR 1971 MONTH 07 DAY 15 HOUR 12.5	BOTOP 00314 SHIP CM DATA USE 1 AREA 05	AIR TEMP 10.1 WET BUL 8 09.1 BAROMETR 1025.6 CLOUD T/A 6/8	DIR HGT PER 23 2 2 SEA CL/TR	WIND-DIR 23 WIND-SPD 06 WIND-FOR WEATHER X2	INST NANSEN CAST TRACE DIR DURATION DRIG A2 049	TEN SO 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 76
CASTNUM/TIME	LVLTYP DEPI	H TEMP	SAL SIGNA-T	DYNDPTH SND VEL	DXYG P34	TOT P ND2 ND3	SID3 PH
12.5 12.5 12.5 12.5 12.5 12.5	STD 0000 STD 0001 STD 0000 STD 0010 STD	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
			*****	•••••			
REFID 31 L887 CONSEC 0008 LAT 46 58 N LONG 046 29 W	YEAR 1971 MONTH 07 DAY 15 HGUR 14-3	BDTOP 00336 SHIP CM DATA USE I AREA 05	HET BULB 09.1 BARDMETR 1026.7	22 1 2 SEA	WIND-DIR 22 WIND-SPD G7 WIND-FDR WEATHER X4	INST NANSEN CAST TRACE DIR OURATION ORIG A2 049	TEN SQ 1306 S SOUARE 4 2 SOUARE 66 1 SQUARE 66
CASTNUM/TIME	LVLTYP DEP	H TEMP	SAL SIGMA-T	DYNDPTH SND VEL	DXYG PD4	TOT P NO2 ND3	S103 PH
14.3 14.3 14.3 14.3 14.3	STD 000 055 000 STD 000 STD 000 055 000	00 07.89 07.31 00 06.16 05.54 00 03.55 00 03.55 00 03.55 00 04.9 05 00.61 06 01.66 00 02.05 05 04.18 00 05.37 00 05.37 00 05.37	32.25 25.16 32.251 25.16 32.29 25.26 32.43 25.52 32.513 25.67 32.78 26.89 33.43 26.86 33.780 27.12 33.81 27.14 34.067 27.27 34.14 27.30 34.791 27.48 34.791 27.48 34.791 27.49 34.85 27.55 34.85 27.50	00.000			

Table 111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18–19
March 1971, Prepared from NODC Listing No. 31–8263.—Continued

REFID 31 CONSEC LAT 47 LONG 046	1887 0009 00 N 45 W	YEAR MONTH DAY HOUR	1 07 15	BOTDP 00984 SHIP CM DATA USE L AREA 05	ALR T WET E BAROM CLOUE	UL8 08.5 ETR 1026.4	DIR H SEA CL/TR	GT PER	WIND-DIR WIND-SPO WIND-FOR WEATHER		TR AC	NANSEN E DIR TION AZ 04		5 2	EN SQ 1306 SQUARE 4 SQUARE 66 SQUARE 76	
CASTNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-1	DYNOPTH	SND VEL	DXYG	P04	TOT P	NOZ	NO3	2103	РН	
		\$10	00000	07.62	32.27	25.21	00.000	1477.9								
	17.2	085	00000	07.62	32.268	25.21		1477.9								
		510	00010	07.34 06.75	32.36	25.28 25.40	00.027	1477.0								
		STD	00020	05.85	32.41	25.55	00.079	1471.5								
	17.2	085	00030	05.85	32.406	25.55		1471 - 5								
	17.3	STD	00050	02.34	33.49 33.833	26.76 27.11	00.116	1458.5								
	17.2	08S \$10	00075	01.26 00.97	33.92	27.20	00.143	1453.5								
	17.2	085	000 90	00.73	34.032	27.31		1452.8								
		012	001 00 001 20	00.45 00.36	34.14 34.333	27.41 27.57	00.163	1451.8								
	17.2	08S STO	00125	00.75	34.37	27.58	00.178	1453.9								
		STO	00150	02.34	34.52	27.58	00.191	1461.6								
	17.2	08 S S T O	00174	03.33 03.48	34.627 34.66	27.58 27.59	00.217	1466.4								
	17.2	085	00229	03.64	34.702	27.61		1468.7								
	-	210	00.250	03.75	34.73	27.62	00.242	1469.6								
	17.2	STO 085	00300 00338	03.98 04.12	34.80 34.841	27.65 27.67	00.267	1471.4								
		STD	00400	04-30	34.88	27.68	00.314	1474.6								
	17.2	D8 S	T00448	04+38	34.906	27.69	00.360	1475.7								
	17.2	STD 085	00500	04.37 04.34	34.92 34.919	27.70 27.71	00.300	1477.4								
	17.2	STD	00600	04.31	34.91	27.70	00.406	1477.9								
	17.2	08.5	T00667	04.26	34.896	27-70	00.452	1478.8 1479.3								
		510 510	00700	04.23 04.12	34.90 34.91	27.70 27.73	00.499	1480.5								
	17.2	085	100886	04.00	34.922	27.75		1481.4								
		\$10	00900	03.98 03.81	34.92 34.933	27.75 27.77	00.544	1481.6								
	17.2	085	00995	03.01	34.733		*******									
REFID 31 CONSEC LAT 47 LONG 047	0010	MONTI	1971 H 07 15 20-1	BOTOP 01159 SHIP CM OATA USE 1 AREA 05	AIR I WET E BARON CLOUC	BUL8 07 •8		GT PER 2 4	WIND-DIR WIND-SPD WIND-FDR WEATHER	10	TR AC DUR A	NANSEN E DIR TION A2 04		5	N SO 1306 SQUARE 4 SQUARE 66 SQUARE 77	
CONSEC LAT 47	0010 00 N	HONTI DAY HOUR	Н 07 15	SHIP CH OATA USE I	WET E	BUL8 07 •8	13 SEA	2 4	WIND-SPO WIND-FOR	x1 10	TR AC DUR A	E DIR TTON		5	SQUARE 66	
CONSEC LAT 47 LONG 047	0010 00 N 00 N	MONTI DAY HGUR LVLTYP STD	H 07 15 20.1 DEPTH	SHIP CM OATA USE 1 AREA 05	WET E BARON CLOUC SAL 32.17	SUL8 07-8 METR 1020-2 D T/A 8/5 SIGMA-T 25-06	13 SEA CL/TR	2 4	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 N	MONTI DAY HOUR LVLTYP STD OBS	H 07 15 20.1 DEPTH 00000	SHIP CM OATA USE I AREA 05 TEMP 08-08 08-08	SAL 32.17 32.167	SUL8 07-8 METR 1026-2 D T/A 8/5 SIGMA-T 25-06 25-06	13 SEA CL/TR DYNOPTH 00.000	SNO VEL 1479.5 1479.5	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 N 00 N	MONTI DAY HOUR LVLTYP STD OBS STD	H 07 15 20.1 DEPTH 00000 00000	SHIP CM OATA USE 1 AREA 05 TEMP 08-08 08-08 04-89	SAL 32.17 32.167 32.39	SUL# 07.8 METR 1026.2 D T/A #/5 SIGMA-T 25.06 25.06 25.65	13 SEA CL/TR DYNOPTH 00.000	SNO VEL 1479.5 1479.5 1467.2	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 N 00 N	MONTI DAY HOUR LVLTYP STD OBS STD STD OBS	H 07 15 20.1 DEPTH 00000 00010 00010 00020 00026	SHIP CM OATA USE 1 AREA 05 TEMP 08.08 08.08 04.89 02.43 01.30	SAL  32-17 32-167 32-39 32-63 32-778	SUL8 07.8 4ETR 1026.2 D T/A 8/5 SIGMA-T 25.06 25.06 25.65 26.07 26.26	13 SEA CL/YR DYNOPTH 00.000 00.026 00.047	SNO VEL 1479.5 1479.5 1467.2 1457.2 1452.5	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 N 00 N 1/TIME	MONTI DAY HOUR LVLTYP STD OBS STD STD OBS STD	H 07 15 20.1 DEPTH 00000 00000 00010 00020 00020 00020	SHIP CM OATA USE 1 AREA 05 TEMP 08.08 08.08 04.09 02.43 01.30 00.85	SAL  32.17  32.167  32.63  32.778  32.92	SUL8 07.8 METR 1026.2 D T/A 8/5 SIGMA-T 25.06 25.06 25.05 26.07 26.26 20.26	13 SEA CL/YR DYNOPTH 00.000 00.026 00.047	SNO VEL 1479.5 1479.5 1467.2 1457.2 1452.5 1450.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 N 00 N 1/TIME	MONTI DAY HOUR LVLTYP STD OBS STD STD OBS	H 07 15 20.1 DEPTH 00000 00010 00010 00020 00026	SHIP CM OATA USE 1 AREA 05 TEMP 08.08 08.08 04.89 02.43 01.30 00.85 - 0.58	SAL  32-17 32-167 32-39 32-63 32-778	SUL8 07.8 4ETR 1026.2 D T/A 8/5 SIGMA-T 25.06 25.06 25.65 26.07 26.26	13 SEA CL/YR DYNOPTH 00.000 00.026 00.047	SNO VEL 1479.5 1479.5 1467.2 1457.2 1452.5	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 h 00 h 1/TIME 20.1 20.1	MONTI I DAY I HOUR  LVLTYP  STD  OBS STD  STD  STD  STD  STD  STD  STD  ST	H 07 15 20.1 DEPTH 00000 00010 00020 00026 00030 00051 00075	SHIP CM OATA USE 1 AREA 05 TEMP 08.08 08.08 04.89 02.43 01.30 00.85 - 0.55 - 0.58 - 0.19	SAL  32.17 32.167 32.39 32.63 32.778 32.92 33.42 33.42 33.42	SULM 07-8 4ETR 1020-2 7/A 8/5  SIGMA-T 25.06 25.06 25.06 25.05 26.07 26.26 26.40 26.88 26.90 27-03	13 SEA CL/YR DYNOPTH 00.000 00.026 00.047	SNO VEL 1479.5 1467.2 1457.2 1457.2 1452.5 1450.8 1445.4 1445.3	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 N 00 N 1/TIME 20.1	MONTI I DAY I HOUR  STD STD STD STD STD STD STD STD STD ST	H 07 15 20-1 DEPTH 00000 00010 00020 00020 00030 00050 00051 00075	SHIP CM OATA USE 1 AREA 05  TEMP 08.08 08.08 04.89 02.43 01.30 00.85 - 0.55 - 0.58 - 0.19 - 0.16	SAL  32.17  32.167  32.39  32.63  32.778  32.92  33.441  33.62  33.638	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGNA-T 25.06 25.06 25.06 25.05 26.07 26.26 26.40 26.40 27.03 27.04	13 SEA CL/TR DYNOPTH 00.000 00.026 00.047 00.065 00.093	SNO VEL 1479.5 1479.5 1467.2 1457.2 1452.5 1450.8 1445.4 1445.3 1447.7	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 h 00 h 1/TIME 20.1 20.1	MONTI DAY HOUR LVLTYP STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS	DEPTH  OGNOO  00010  00020  00020  00020  00030  00050  00051  00077  00100  00103	SHIP CM OATA USE 1 AREA 05 TEMP 08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.58 - 0.19 - 0.16 00.26 00.32	SAL  32.17 32.167 32.39 32.63 32.778 32.63 32.782 33.441 33.62 33.638 33.80	SULB 07-8  METR 10 20-2  D T/A 8/5  SIGMA-T  25.06  25.06  25.65  26.07  26.26  20.40  26.88  20.90  27.03  27.04  27.15	13 SEA CL/YR DYNOPTH 00.000 00.026 00.047 00.065 00.093	SNO VEL 1479.5 1467.2 1457.2 1457.2 1452.5 1450.8 1445.4 1445.3	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	0010 00 h 00 h 1//TIME 20.1 20.1 20.1	MONTI DAY HOUR LVLTYP STD OBS STD STD STD STD OBS STD OBS STD OBS STD OBS STD	DEPTH  00000 00010 00020 00026 00030 00051 00075 00077	SHIP CM OATA USE 1 AREA 05  TEMP 08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88	SAL 32.17 32.167 32.39 32.63 32.778 32.62 33.44 1 33.62 33.38 80 33.80 33.80 4 33.96	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T 25.06 25.06 25.05 26.07 26.26 26.40 26.88 26.90 27.03 27.04 27.15 27.16	13 SEA CL/TR DYNOPTH 00.000 00.026 00.047 00.065 00.093 00.121 00.146	SNO VEL  1479.5 1467.2 1457.2 1457.2 1456.8 1445.4 1445.3 1447.7 1447.9 1450.5 1450.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1	LVLTYP  STD  OBS	DEPTH  00000 00010 00020 00020 00030 00051 00075 00077 00100 00103 00125 00150	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.09 02.43 01.30 00.05 - 0.55 - 0.58 - 0.19 - 0.16 00.26 00.32 00.08 01.47	SAL  32.17 32.167 32.63 32.79 32.63 32.778 33.62 33.62 33.63 33.80 33.82 33.84 33.86	SULB 07-8 4ETR 1020-2 7/A 8/5  SIGMA-T 25.06 25.06 25.06 25.06 26.07 20.26 20.40 26.88 20.90 27.03 27.04 27.15 27.16 27.24 27.33	13 SEA CL/TR DYNOPTH 00.000 00.026 00.047 00.065 00.093 00.121	SNO VEL 1479.5 1479.5 1467.2 1457.2 1457.2 1450.8 1445.4 1447.7 1447.7 1447.9 1450.8 1450.8 1450.8 1450.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1	LVLTYP  STD OBS	DEPTH  OGGOGO 00000 00010 00020 00020 00025 00031 00050 00051 00075 00103 00125 00150 00154 00200	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.55 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52	SAL  32.17 32.167 32.39 32.63 32.772 33.642 33.62 33.62 33.62 33.62 33.84 43.80 33.82 43.44 34.449	SULB 07-8 4ETR 1020-2 7/A 8/5  SIGMA-T 25.06 25.06 25.05 20.07 20.26 20.40 20.88 20.90 27.03 27.04 27.15 27.16 27.24 27.33 27.35 27.51	13 SEA CL/TR DYNOPTH 00.000 00.026 00.047 00.065 00.093 00.121 00.146	SNO VEL  1479.5 1479.5 1479.5 1467.2 1457.2 1457.2 1450.8 1445.3 1447.7 1447.9 1450.8 1453.8 1453.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1	WONTI HOUR STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD	DEPTH  00000 00010 00020 00020 00051 00075 00077 00100 00103 00105 00154 00200	TEMP  08.08 08.08 08.08 04.89 02.43 01.30 00.85 - 0.55 - 0.58 - 0.19 - 0.16 00.26 00.32 00.80 01.47 01.56 02.56 02.56	MET E BARON CLOUD  SAL  32.17 32.39 32.63 32.77 32.39 33.62 33.441 33.96 34.12 34.149 34.475	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T 25.06 25.06 25.06 25.05 26.07 26.26 20.40 26.88 20.90 27.04 27.15 27.16 27.24 27.33 27.35 27.51 27.52	13 SEA CL/TR DYNOPTH 00.000 00.026 00.047 00.065 00.093 00.121 00.146 00.188 00.222	SNO VEL 1479.5 1479.5 1457.2 1457.2 1457.2 1452.5 1450.8 1447.9 1450.5 1447.9 1450.5 1457.7 1450.3	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	LVLTYP  STD OBS	DEPTH  OGGOGO 00000 00010 00020 00020 00025 00031 00050 00051 00075 00103 00125 00150 00154 00200	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.55 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52	SAL  32.17 32.167 32.39 32.63 32.772 33.642 33.62 33.62 33.62 33.62 33.84 43.80 33.82 43.44 34.449	SULB 07-8 4ETR 1020-2 7/A 8/5  SIGMA-T 25.06 25.06 25.05 20.07 20.26 20.40 20.88 20.90 27.03 27.04 27.15 27.16 27.24 27.33 27.35 27.51	13 SEA CL/TR DYNOPTH 00.000 00.047 00.065 00.093 00.121 00.146 00.168 00.188	SNO VEL  1479.5 1479.5 1479.5 1467.2 1457.2 1457.2 1450.8 1445.3 1447.7 1447.9 1450.8 1453.8 1453.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1	MONTI HOUR STD OBS STD OB STD OB STD OB STD OB STD OB STD OB OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB STD OB	DEPTH  OGOGO 00000 00010 00020 00030 00051 00075 00077 00100 00154 00200 100200 0055 00250 00300 00300	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52 02.61 03.27 03.77 03.82	SAL 32.17 32.167 32.39 32.92 33.42 33.62 33.42 33.96 34.12 34.475 34.63 34.76 34.76 34.76 34.76 34.76 34.76 34.76 34.76 34.76 94.76	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T 25.06 25.06 25.05 26.07 26.26 20.40 26.88 20.90 27.03 27.15 27.16 27.24 27.35 27.35 27.59 27.64 27.64	13 SEA CL/TR DYNOPTH 00.000 00.047 00.065 00.093 00.121 00.146 00.188 00.222 00.275	SNO VEL 1479.5 1479.5 1479.5 1457.2 1457.2 1452.5 1450.8 1445.4 1447.7 1450.5 1450.5 1457.7 1450.1 1457.7 1450.1 1457.2 1457.2 1457.2 1457.2 1457.2 1457.2 1457.2 1457.2 1457.4 1470.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	LVLTYP  STD OBS STD	H 07 15 20-1 DEPTH 00000 00000 00010 00020 00020 00050 00051 00075 00100 00155 00155 00150 00155 00150 00150 00250	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.55 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52 02.61 03.27 03.77 03.82 03.99	SAL  32.17 32.167 32.39 32.63 32.78 32.63 32.78 33.62 33.62 33.63 33.84 33.80 33.84 33.84 33.87 34.76 34.76	SULB 07-8 4ETR 10 20-2 7/A 8/5  SIGMA-T  25.06 25.06 25.06 26.07 26.26 26.40 26.88 20.90 27.03 27.04 27.15 27.16 27.24 27.33 27.51 27.52 27.59 27.64 27.64 27.64	13 SEA CL/TR DYNOPTH 00.000 00.047 00.065 00.093 00.121 00.146 00.188 00.222	SNO VEL  1479.5 1479.5 1467.2 1457.2 1457.2 1450.8 1445.4 1450.8 1450.8 1457.7 1467.2 1457.3 1467.4 1470.5	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	WONTI HOUR  LVLTYP  STD OBS	DEPTH  OGQ OG  OOO  OOO OG  OO	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52 02.61 03.27 03.77 03.82 03.99 04.00 04.15	SAL  32.17  32.167  32.39  32.39  32.778  33.42  33.41  33.02  33.80  33.80  33.824  33.96  34.12  34.45  34.45  34.45  34.45  34.45  34.63  34.83  34.83	SULB 07-8 4ETR 10 20-2 7/A 8/5  SIGMA-T  25.06 25.06 25.05 26.07 26.26 26.40 26.88 20.90 27.03 27.04 27.15 27.16 27.24 27.33 27.35 27.57 27.64 27.67 27.67 27.67	13 SEA CL/TR DYNOPTH 00.000 00.047 00.065 00.093 00.121 00.146 00.188 00.222 00.275	SNO VEL 1479.5 1479.5 1479.5 1457.2 1457.2 1452.5 1450.8 1445.4 1447.7 1450.5 1450.5 1457.7 1450.1 1457.7 1450.1 1457.2 1457.2 1457.2 1457.2 1457.2 1457.2 1457.2 1457.2 1457.4 1470.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	LVLTYP  STD OBS	BEPTH  00000 00000 00010 00020 00020 00051 00075 00077 00100 00103 00125 00150 00200 01000 00300 00307 00400 00300 00400 00400	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.55 - 0.58 - 0.19 - 0.16 00.26 00.32 00.80 01.47 01.56 02.52 02.61 03.27 03.82 03.87 03.82 03.89 04.00 04.15	SAL 32.17 32.39 32.63 32.17 32.39 32.63 32.778 33.62 33.441 33.62 33.441 33.62 34.149 34.475 34.63 34.67 34.63 34.67 34.83 34.87 34.87 34.87 34.87	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T 25.06 25.06 25.05 26.07 26.26 26.40 26.40 27.04 27.15 27.16 27.24 27.33 27.35 27.35 27.36 27.64 27.67 27.67 27.69	13 SEA CL/TR DYNOPTH 00.000 00.026 00.047 00.065 00.073 00.121 00.146 00.188 00.222 00.275 00.323 00.370	SNO VEL 1479.5 1479.5 1467.2 1457.2 1457.2 1457.2 1450.8 1447.9 1450.5 1447.9 1450.5 1457.7 1463.1 1457.7 1463.1 1470.8 1470.8 1473.2 1473.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	WONTI HOUR  LVLTYP  STD OBS	DEPTH  OGGOG  OOOGO  OOOGOO  OOOGOO  OOOGOO  OOOGOO	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.58 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52 02.61 03.27 03.77 03.82 03.99 04.00 04.15 04.16	SAL 32.17 32.167 32.39 32.92 33.42 33.42 33.80 33.80 33.96 34.12 34.65 34.76 3	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T 25.06 25.06 25.05 26.07 26.26 20.40 26.88 26.90 27.03 27.04 27.15 27.16 27.24 27.35 27.35 27.51 27.52 27.64 27.67 27.67 27.69 27.69 27.69 27.69	13 SEA CL/TR DYNOPTH 00.000 00.047 00.065 00.093 00.121 00.146 00.188 00.222 00.275 00.323	SNO VEL 1479.5 1479.5 1479.5 1467.2 1457.2 1452.5 1450.8 1445.4 1445.3 1447.7 1450.5 1450.9 1457.2 1457.2 1463.1 1467.4 1470.5 1470.5 1470.5 1470.5	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	LVLTYP  STD  OBS	DEPTH  OGGGG  OGGGGGGGGGGGGGGGGGGGGGGGGGGGG	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52 02.61 03.27 03.77 03.82 03.99 04.00 04.15 04.27 04.27	SAL 32.17 32.16 32.39 32.59 32.778 32.39 32.778 33.42 33.441 33.62 33.441 33.62 34.475 34.63 34.475 34.63 34.475 34.63 34.87 34.87 34.87 34.87 34.90 34.90 34.90 34.90	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T 25.06 25.06 25.05 26.07 26.26 26.40 26.88 26.90 27.03 27.04 27.15 27.16 27.24 27.35 27.51 27.59 27.64 27.64 27.67 27.69 27.70 27.70 27.70 27.70 27.70 27.70 27.70 27.70 27.70	13 SEA CL/TR DYNOPTH 00.000 00.047 00.065 00.093 00.121 00.146 00.188 00.222 00.275 00.275 00.323 00.370 00.416	SNO VEL 1479.5 1479.5 1467.2 1457.2 1457.2 1450.8 1445.3 1447.7 1447.9 1450.5 1450.5 1457.2 1450.8 1453.9 1457.2 1463.1 1450.8 1473.2 1470.8 1473.2 1473.2 1473.2 1473.2	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	WONTI HOURY STD OBS	H 07 15 20-1 DEPTH 00000 00000 00010 00020 00030 00050 00051 00075 00100 60103 00125 00150 00200 100200 00300 00300 00300 00300 00300 00400 100408 00500 005	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52 02.61 03.27 03.77 03.82 03.99 04.00 04.15 04.16 04.27 04.25 04.11	SAL  32.17  32.167  32.397  32.03  32.778  32.92  33.42  33.41  33.02  33.80  33.80  33.824  33.80  34.45  34.45  34.45  34.45  34.475  34.483  34.63  34.76  34.87  34.87  34.87  34.87  34.87  34.87  34.87  34.87  34.87	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T  25.06 25.06 25.05 20.07 20.26 20.40 20.88 20.90 27.03 27.04 27.15 27.16 27.24 27.33 27.35 27.57 27.64 27.67 27.67 27.69 27.69 27.70 27.70 27.70 27.70 27.70 27.70 27.70 27.70	13 SEA CL/YR DYNOPTH 00.000 00.047 00.095 00.093 00.121 00.146 00.188 00.188 00.222 00.250 00.275	SNO VEL  1479.5 1479.5 1479.5 1467.2 1457.2 1450.8 1445.4 1447.7 1450.5 1450.8 1447.7 1450.8 1473.2 1463.1 1403.6 1473.2 1473.4 1470.5 1470.8	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	
CONSEC LAT 47 LONG 047	20.1 20.1 20.1 20.1 20.1 20.1 20.1 20.1	LVLTYP  STD  OBS	DEPTH  OGGGG  OGGGGGGGGGGGGGGGGGGGGGGGGGGGG	SHIP CM OATA USE 1 AREA 05  TEMP  08.08 08.08 04.89 02.43 01.30 00.85 - 0.58 - 0.19 - 0.16 00.26 00.32 00.88 01.47 01.56 02.52 02.61 03.27 03.77 03.82 03.99 04.00 04.15 04.27 04.27	SAL 32.17 32.16 32.39 32.59 32.778 32.39 32.778 33.42 33.441 33.62 33.441 33.62 34.475 34.63 34.475 34.63 34.475 34.63 34.87 34.87 34.87 34.87 34.90 34.90 34.90 34.90	SULB 07-8 4ETR 10 20-2 0 T/A 8/5  SIGMA-T 25.06 25.06 25.05 26.07 26.26 26.40 26.88 26.90 27.03 27.04 27.15 27.16 27.24 27.35 27.51 27.59 27.64 27.64 27.67 27.69 27.70 27.70 27.70 27.70 27.70 27.70 27.70 27.70 27.70	13 SEA CL/TR DYNOPTH 00.000 00.047 00.065 00.093 00.121 00.146 00.188 00.222 00.275 00.275 00.323 00.370 00.416	SNO VEL 1479.5 1479.5 1467.2 1457.2 1457.2 1450.8 1445.3 1447.7 1447.9 1450.5 1450.5 1457.2 1450.8 1453.9 1457.2 1463.1 1450.8 1473.2 1470.8 1473.2 1473.2 1473.2 1473.2	WIND-SPD WIND-FDR WEATHER	x1 10	TRAC DURA ORIG	E DIR TION A2 04	9	5 2 1	SQUARE 46 SQUARE 77	

Table III.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18–19
March 1971, Prepared from NODC Listing No. 31–8263.—Continued

REFIO 31 1887 CONSEC 0011 LAT 47 00 N LONG 047 14 W	YEAR 1971 MONTH 07 GAY 15 HOUR 22.7	80T <sup>O</sup> P 00402 SHIP CH OATA USE 1 AREA 05	AIR TEMP 08.0 WET BUL8 07.4 BAROMETR 1025.1 CLOUO T/A 6/3	OIR HGT PER 13 2 3 SEA CL/TR	WIND-OIR 15 WIND-SPO 10 WIND-FOR WEATHER X1	INST NANSEN CAST TRACE DIR DURATION GRIG A2 049	TEN SQ 1306 5 SOUARE 4 2 SOUARE 66 1 SQUARE 77
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGNA-T	OYNOPIH SNO VEL	OXYG P34	TOT P NO2 NO3	S103 РН
22.7 22.1 22.1 22.1 22.7 22.7	\$10 00000	08.06 3 07.87 3 06.64 3 06.06 3 02.92 3 -1.48 3 -1.49 3 -1.66 3 -0.88 3 -0.66 3 00.19 3 00.47 3 00.69 3 01.66 3 02.61 3	11.87	00.000 1479.1 1479.1 00.031 1478.6 00.060 1474.1 1471.9 00.085 1459.2 1440.2 00.122 1440.6 1443.0 00.156 1444.1 1445.5 00.165 1447.5 00.211 1450.5 1452.1 00.234 1453.3 00.276 1458.9 00.341 1469.3 1472.3			
REFID 31 1887 CONSEC 0012 LAT 47 00 N LONG 047 20 M	YEAR 1971 MONTH 07 OAY 16 HOUR 00+9	BOTOP 00216 SHIP CM DATA USE 1 AREA 05	AIR TEMP 09.1 WET BULB 08.5 BAROMETR 1024.2 CLOUD 1/A 8/6	OIR HGT PER 14 2 3 SEA CL/TR	WINO-OIR 14 WINO-SPO 14 WINO-FOR WEATHER XI	INST NANSEN CAST TRACE OIR DURATION ORIG AZ 049	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 77
CASTNUMITIME	LVLTYP DEPT	TEMP	SAL SIGNA-T	OYNOPTH SNO VEL	OXYG PO4	TOT P NO2 NO3	\$103 PH
00.9 00.9 00.9 00.9 00.9	\$10 00000 08\$ 00000 \$10 00010 \$10 00020 08\$ 00022 \$10 00030 08\$ 00045 \$10 00050 08\$ 00065 \$10 00075 08\$ 00125 08\$ 00125 08\$ 00125 08\$ 00125	07.66 03.73 00.81 00.13 - 0.90 - 2.09 - 1.87 - 1.07 - 0.89 - 0.53 - 0.53 - 0.05 - 0.05 - 0.05 - 0.05	32.20 25.15 32.198 25.15 32.42 25.78 32.60 26.15 32.60 26.12 32.70 26.31 32.843 26.45 32.89 26.49 33.067 26.61 33.122 26.65 33.236 26.77 33.29 26.77 33.48 26.91 33.584 26.98 33.73 33.987	00.000 1478.0 1478.0 00.025 1462.4 00.045 1450.0 1447.0 00.063 1442.4 1437.3 00.096 1438.4 1442.8 1443.8 1445.9 00.133 1443.8 1445.9 00.166 1446.9 00.197 1449.7			
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REF10 31 1887 CONSEC 0013	YEAR 19 <sup>7</sup> 1 Month 07	80 <sup>†</sup> 0P 00178 Sh1P CM	AIR TEMP 10.3		w1ND-01R 15 w1ND-5P0 20	INST NANSEN CAST TRACE OIR	TEN SQ 1306 5 SQUARE 4
LAT 47 00 N LONG 047 44 W	OAY 16 HOUR 02.5	OATA USE 1 AREA OS	BAROMETR 1022.6 CLOUD T/A 6/8		WIND-FOR WEATHER X2	OURATION ORIG A2 049	2 SOUARE 66 1 SQUARE 77
CASTNUM/TIME	LVLTYP DEPT	1 TEMP	SAL SIGNA-T	OYNOPTH SNO VEL	OXYG PD4	TOT P NO2 NO3	5103 PH
02.5 02.5 02.5 02.5 02.5	\$10 0000 085 0000 \$10 0001 \$10 0002 085 0006 \$10 0003 085 0004 \$10 0007 085 0008 \$10 0010 \$10 0012 085 70013	0 08.05 0 08.05 0 05.65 0 03.48 2 03.07 01.24 5 - 1.00 0 - 1.17 7 - 1.45 5 - 1.32 9 - 1.10 - 0.93 5 - 0.57	32.26	00.000 1479.5 1479.5 00.027 1470.1 00.052 1461.1 1459.3 00.074 1451.8 1442.3 00.111 1441.6 1440.7 00.151 1441.5 1442.9 00.188 1444.0 00.221 1446.4			
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Table HL—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 18-19
March 1971, Prepared from NODC Listing No. 31-8263.—Continued

REF10 31 1887 YEAR 1971 CONSEC 0014 MONTH 07 LAT 47 00 N DAY 16 LONG 048 00 W HOUR 04.2	SHIP CH NET DATA USE 1 BARG	TEMP 10.3 BUL8 08.8 OMETR 1021.2 JO T/A 8/8		S WIND	-01R 15 -SPD 20 -FOR HER X2	INST NAN TRACE OL DURATION ORIG A2	ı	TEN SQ 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 78
CASTNUM/TIME LVLTYP OEPTH	TEMP SAL	SIGMA-T	OYNOPTH SI	NO VEL UXYG	PU4	TOT P N	02 NO3	S[]3 PH
\$10 00000	08.38 32.23	25.07	00.000 14	80.8				
04.2 085 00000	08.38 32.228	25.07		80.8				
01000 012	08.15 32.26	25.13		80.1				
STO 00020	07.91 32.29	25.19		79.4				
\$10 00030	07.68 32.33	25.25		78.7				
04.2 085 00048	07.26 32.387	25.35		77.4				
\$10 00050	06.26 32.43	25.52		673.5				
04.2 085 00071	- 0.81 32.772	26.36		443.6				
STO 00075	- 0.97 32.78	26.38		443.0				
04.2 085 00094	- 1.37 32.872	26.46		441.5				
STO 001Q0	- 1.30 32.91	26.49		42.0				
04.2 085 00117	- 1.09 33.047	26.60		443.4				

Table V.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889.

REFIO 31 1889 CONSEC 0001 LAT 47 00 N LONG 048 00 W	YEAR MONTH DAY HOUR	26	SOTOP OOLST SHIP EL OATA USE L AREA OS	WET BARD	TEMP 16-3 BULB 15-0 METR 1019-9 O T/A 8/5	25 SEA	HGT PER L 2	WIND-OIR WIND-SPO WIND-FOR WEATHER	14	TRAC	NANSEN E OIR Tion A2 Os		5 2	N SO 1306 SQUARE 4 SQUARE 68 SQUARE 78
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-F	OYNOPTH	SNO VEL	OXY G	P04	101 P	N02	NO3	\$103	РН
	STO	00000	14-26	31-70	23.61	00.000	1501.0							
19.3	06S S <b>T</b> D	00000	14.26 14.12	31.703 31.64	23.61 23.59	00.043	1501.0							
19.3	085	00012	13.74	31.624	23.66		1499.3							
	STO	00020	07.63 01.97	32.06 32.48	25.04 25.98	00.079 00-104	1478.0							
19.3	085 STO	00037	- 0.68 - 1.09	32.683	26.29	00.141	1443.5							
19.3	085	00062	- 1.31	32.76 32.833	26.36 26.43		1441.9							
19.3	ST0 085	0007S 00087	- 1.12	32.90 32.993	26.48	00.181	1442.4							
19.3	STO	00100	- 1.00	33.14	26.67	00.218	1443.7							
19.3	085	00112	- 0.59	33.310	26.79	*******	1446-1							
REF10 31 1889	YEAR	1971	6010P 00137	AIR T	EMP 14.9		ST PER	#IND-OIR			NANSEN (	CAST	TEN	\$2 1306
CONSEC 0002	MONTH	08 26	SHIP EL DATA USE L	WET B		24 . SEA	2 2	HIND-SPO HIND-FOR	09	TRACE				QUARE 4
LONG 047 53 H	HOUR		AREA 05	CLOUD	T/A 6/6	CL/TR		HEATHER	X 1	ORIG	A2 050		1 50	QUARE 67
CASTNUM/TIME	LVLTYP	ОЕРТН	TEMP	SAL	S IGMA-T	HIGONYO	SNO VEL	D X Y G	P34	TOT P	NO 2	NO3	\$103	PH
20.9	STO	00000	14.03 14.03	31.61 31.614	23.59	00.000	1500.1							
20.9	\$10	00010	13.25	32.07	24.10	00.040	1+98-2							
20.9	ST0 085	00020 00025	12.47	32.41 32.543	24.52 24.69	00.077	1496.2 1495.1							
	STO	00030	06-19	32-60	25.39	00.107	1481.0							
20.9	08 S S T O	00049 00050	- 1.36 - 1.36	32.774 32.78	26.38 26.39	00.149	1440.7							
20.9	085	00074	- 1.25 - 1.23	32.904	26.48 26.49	00.189	1441.8							
20.9	STQ 085	00075 00098	- 0.84	33.119	26.65		1444.4							
20.9	\$10 085	00100	- 0.80 - 0.60	33.14 33.287	20.66 26.77	00-226	1444.7							
2417		*****				•••••	•							
REF10 31 1889	YFAR	1971	80 TOP 0020	L AIR	TEMP 15.	1 018	HGT PER	WINO-DIE	23	lnst	NANSEN	CAST	TE	N SO 1306
CONSEC 0003	TOOM	н С8	SHIP EL	WET	BULB 13-	9 25	1 2	#IND-SPO			E OIR Tign			SQUARE 4
LONG 047 30 M		26 22•8	AREA OS		O T/A T/		R	WEATHER			A2 05	0		SOUARE 77
CASTNUM/TIME	LVLTYP	ОЕРТН	TEMP	SAL	S IGMA-T	OYNOPIH	SNO VEL	DXYG	P34	TOT P	NO2	N03	\$103	РН
22.6	STO 880	00000	13.55	31.61 31.606	23.68 23.68	00.000	1498.5							
22.5	STD	00010	05.66	32.09	25.32	00.034	1470.0							
22.8	STO 085	00020	00.28 - 1.16	32.45 32.560	26.06 20.20	00.057	1447.4							
	STO	00030	- 1.34	32.63	26.26	00.076	1440.3							
22.8	085 STD	00047	- 1.63 - 1.62	32.774 32.78	26.39 26.40	00.110	1439.4							
22.8	280 210	00071	- 1.51 - 1.47	32.858 32.87	26.45 26.47	00.150	1440.4							
22.8	085	00095	- 1.27	32.972	26.54		1442.1							
	STO STO	001 00 001 25	- 1.22 - 0.95	32.99 33.14	26.56 26.66	00.188								
22.8	0 <b>6</b> S	00142	- 0.77	33-279	26.77		1445.7							
22.8	STO 085	00150	- 0.54 01.23	33.36 33.846	26.83 27.13	00.256	1447.0							
11.00		,			_	•••••	••							

REFID 31 1889 CONSEC 0004 LAT 46 59 N LONG 047 15 H		08 27	BOTDP 0032 SHIP E1 OATA USE AREA 0	WET 6 1 BARON	BULB 13.9 HETR 1020.0		IGT PER 1 3	WIND-DIR WIND-SPO WINO-FOR WEATHER	05	INST TRACE DURAT ORIG	ION		5 2	N SQ 1. SQUARE SQUARE SQUARE	66
CASTNUMITIME	LVLTYP	DEPTH	TEMP	SAL	1-AMD12	OYNDPTH	SND VEL	OXYG	P04	101 P	NO2	NO3	\$103	PH	
	QT2	00000	13.68	31.03	23.21	00.000	1498.2								
00.7	085	00000	13.68	31.029	23.21		1498.2								
	STD	00010	07.78	31.69	24.74	00.039	1477.9								
	STD	00020	03.29	32.23	25.68	00.067	1460.4								
	21 D	00030	00.21	32.64	26.22	00.087	1447.5								
00.7	085	00030	00.21	32.640	26.22		1447.5								
	510	00050	- 1.10	33.03	26.58	00.120	1442.3								
00.7	085	000\$5	- 1.29	33.107	26.65		1441.6								
	510	00075	- 1.26	33.33	26.83	00.154	1442.3								
00.7	085	00086	- 1.25	33.443	26.92		1442.7								
	STD	00100	- 0.51	33.57	27.00	00.182	1446.6								
00.7	085	00111	- 0.01	33-670	27-06		1449.2								
	STD	00125	00.38	33.78	27.13	00.207	1451.4								
	510	00150	01.02	33.97	27.24	00.230	1455.0								
00.7	OBS	00166	01.36	34.082	27.30		1457.0								
	STD	00200	02.00	34.30	27.44	00.268	1460.6								
00.7	D8 S	T00222	02.36	34.423	27.50		1462 - 7								
	STO	00250	02.78	34.55	27.57	00.298	1465.2								
	STD	00300	03.43	34.71	27.63	00.324	1469.0								
00.7	085	00333	03.78	34.765	27.64		1471.1								
					*,****	******	•								

CONSEC 0005 LAT 47 00.0N LONG 046 58.0W	HONT DAY	H 08 27 03.3	SHIP EI DATA USE I AREA 05			28 SEA	3 3	WIND-SPD WIND-FOR WEATHER	16	TRACE			5 5	SQUARE SQUARE SQUARE	66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	S1GMA-T	OYNDPTH	SND VEL	O XY G	PŪ4	TOT P	NO2	NO3	5103	PH	
	STD	00000	12.60	31.78	24.00	00.000	1495.5								
03.3	085	00000	12-60	31.784	24.00		1495.5								
	915	00010	11.68	31.78	24.18	00.038	1492.5								
	STO	00020	10.75	31.97	24.48	00.074	1489.6								
03.3	085	00025	10.29	32.133	24.69		1488.2								
	STD	00030	07.25	32.53	25.46	00.104	1477.3								
03.3	085	00049	- 0.28	33.562	26.98		1446.8								
	STD	00050	- 0.32	33.57	26.99	00.140	1446.7								
03.3	085	00074	- 0.46	33.759	27.15		1446.7								
	STO	00075	- 0.40	33.77	27.15	00.165	1447.0								
03.3	280	00098	00.75	34.016	27.29		1453.0								
	STD	00100	00.83	34-04	27.30	00.186	1453.4								
	510	00125	01.72	34.25	27.41	00.204	1458.0								
03.3	085	00148	02-32	34.403	27.49		1461.3								
	STO	00150	02.34	34.41	27.49	00.221	1461.4								
	STD	00200	02.91	34.59	27.59	00.249	1464.9								
03.3	OBS	T00202	02.93	34.595	27.59		1465.1								
	STD	00250	03.49	34.71	27.63	00.274	1468.4								
	STO	00300	03.87	34.80	27.66	00-298	1471.0								
03.3	085	00301	03.88	34.801	27.66		1471.0								
	210	004 00	04.03	34.86	27.69	00.344	1473.4								
03.3	085	100400	04.03	34.859	27.69		1473 -4								
	012	005 00	04.00	34.88	27.71	00.389	1474.9								
03.3	085	00503	04.00	34.880	27.71		1475 - 0								
	STD	00600	04.08												
03.3	085	00600	04.08												
03.3	085	101037	03.86												

REFIG 31 CONSEC LAT 47 LONG 046	1889 0006 01 N 44 W	YEAR MONTH OAY HOUR	08 27	8010p 00905 SHIP E1 DATA USE 1 AREA 05	AER T WET B BAROM CLOUO	UL6 11-6 ETR 1020-4	32 SEA	GT PER 2 2	WIND-OIR WIND-SPD WIND-FOR WEATHER	15	TRAC	NANSEN E DIR Tion AZ 050	CAST	5 S 2 S	SQ 1306 QUARE 4 QUARE 66 QUARE 76
CASTNUM	/TEME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-I	OYNOPTH	SNO VEL	O XY G	P34	TOT P	ND2	NG3	5103	PH
		510	00000	13.14											
	05.7	DBS	00000	13.14											
		510	00010	09.74											
	06 7	510	00020 00024	06.82 05.78											
	05.7	280 210	00030	04-18											
	05.7	085	0004B	01.16											
		510	00050	01.17											
	05.7	280	00073	01.41											
	05.7	STD 085	00075	01.46											
	05.1	012	00100	02.09											
		510	00125	02.71											
	05.7	OBS	00146	03.20											
		510	00150	03.31											
	05.7	0BS S <b>TD</b>	001 99 00200	04.27 04.27											
		510	00250	04.34											
	05.7	085	00296	04.40											
		STO	00300	04-37											
	05.7	08S S <b>T</b> O	00393	03.94 03.98											
	05.7	065	00495	04.31											
		510	00500	04-31											
	05.7	085	00592	04.27											
		STO STO	00600	04.26 04.18											
	05.7	085	100787	04-11											
	• > • ·	STO	00800	04.06											
	05.7	085	00831	03.94											
						****	*******	•							
REFIO 31	1889		1971	80TOP 00393	AIR			IGT PER	W140-01F			I NANSEN	CAST		N SO 1306
CONSEC	0007 59 N		H 08 27	SHIP EL	WET	BULB 11. METR 1020.		1 2	WIND-SPO			CE DIR Ation			SQUARE 46
	34 W	HOUR	07.7	AREA OS		0 T/A 6/		₹	WEATHER			A2 050	)		SQUARE 66
20.10															
CASTNUM	I/T IME	LVLTYP	0 E P T H	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	DXYG	P34	TOT	P NG2	NO3	5133	PH
		STO	00000	13.06											
	07.7	085	00000	13.06											
		STO	00010	12.33											
	07.7	STD GBS	00020 00024	11.61 11.32											
	0	STO	00030	07.27											
	07.7	08 \$	00048	00-07											
		510	00050	00.38											
	07.7	08 S S T O	00073	02.35											
	07.7	085	00073	01.24											
	•	STO	00100	01.47											
		STO	00125	03.00											
	07.7	OB S STD	00146	03.79 03.79											
	07.7	085	00199	03.76											
		STO	00200	03.78											
	07.7	510	00250	03.82											
	07.7	088	00295	03.89											

		BOTOP 00292 SHIP EL OATA USE L AREA 05	AIR TEMP 11.3 WET BULB 09.8 BARONETR 1021.7 CLOUD T/A 6/6	OIR HGT PER 32 2 2 SEA CL/TR	WIND-OLR 32 WIND-SPO 15 WIND-FOR WEATHER X1	INST NANSEN CAST TRACE OIR DURATION ORIG AZ 050	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 76
09.5 09.5 09.5 09.5 09.5	STO 00000 STO 00000 STO 00010 STO 00020 OBS 00024 STO 00030 OBS 00073 STO 00030 OBS 00075 STO 00030 OBS 00075 STO 00106 STO 00106 STO 00106 STO 00106 STO 00126 STO 00156	13.70 13.72 13.72 13.73 13.74 10.42 03.42 03.35 02.22 02.16 01.85 01.96 02.78 03.31		DYNDPTH SNO VEL	UXYG PJ4	TOT P NO2 NO3	S103 PM
REF10 31   CONSEC ( LAT 47 00 LONG 045 44	0 HTMON POOC	B SHIPEL 7 OATA USE 1	WET BULB 09. BAROMETR 1023	.1 32 1 2 .4 SEA	WIND-OIR 32 WIND-SPO 20 WINO-FOR WEATHER XI	TRACE OIR OURATION	ST TEN SQ 1306 5 SQUARE 4 2 SQUARE 64 1 SQUARE 75
CASTNUM/T	ME LVLIYP DE	РТН ТЕМР	SAL SIGMA-T	OYNOPTH SNO VI	EL UXYG PU	4 TOT P NO2 NO	03 \$1 <b>03</b> PH
12 13 13 13	2-1 08S 00 STO 00 STO 00 STO 00 2-1 08S 00 2-1 08S 00 2-1 08S 00 3-1 08S 00 STO 00 STO 00 STO 00 STO 00 STO 00 STO 00 STO 00 STO 00 STO 00	000 13-56 000 13-56 000 13-56 010 13-31 020 13-06 023 12-99 030 08-93 045 03-22 050 02-95 068 02-35 075 02-37 091 02-41 000 02-82 125 03-74 136 04-04					
			***	••••			
REF10 31 188 CONSEC 001 LAT 47 20 LONG 045 49	D MONTH OB	8070P 00284 SHIP EI OATA USE I AREA 05	AIR TEMP 11.4 WET BULB 09.0 BARONETR 1024.5 CLOUD T/A 2/6	OIR HGT PER 32 2 2 SEA CL/TR	WIND-DIR 32 WIND-SPD 1B WIND-FOR WEATHER X1	INST NANSEN CAST TRACE OIR DURATION ORIG AZ OSO	TEN SQ 1306 5 SQUARE 4 2 SQUARE 64 1 SQUARE 75
CASTNUM/TIME	LVLTYP DEPTH	тЕмр 5	SAL SIGNA-T	OYNOPTH SNO VEL	OXYG PO4	TOT P NO2 ND3	S103 PH
14.5 14.5 14.5 14.5 14.5	\$10 00000 085 00000 \$10 00020 085 00028 \$10 00030 \$11 00030 085 00051 \$10 00079 \$10 00150 085 00103 \$10 00125 \$10 00120 085 00103	13.14 12.89 11.79 10.29 09.41 03.13 02.94 02.32 02.32 02.67 03.33 03.91 03.99 04.53					

Table V. Observed and Interpolated Occanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31 1889. Continued

REF10 31 1889 CONSEC 0011 LAT 47 39 N LONG 045 55 W		08 27	SHIP EL OATA USE L AREA 05	AIR T WET B BAROM CLOUG	ULB 09.0 ETR 1024.5	32 SEA	_	WIND-OIR WIND-SPO WIND-FOR WEATHER	l B	TRACE DURAT	NANSEN CA E OIR IION AS 350	<b>A</b> S T	5 2	N SO 1306 SOUARE 4 SOUARE 64 SOUARE 75
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	GXYG	P34	TOT P	NO2 1	NO3	5103	РН
	STO	00000	12.31											
17.6	085	00000	12.31											
•		00010	10.60											
	510	00020	08+29											
17.6	OBS	00022	07.76											
•		00030	04.03											
17.6		00044	00.32											
• • • • • • • • • • • • • • • • • • • •	510	00050	00.89											
17.6		10000	01.97											
		00075	02.03											
17.6	085	00089	02.23											
	STO	00100	02+61											
	510	00125	03.37											
17.6	OBS	00133	03.58											
		00150	03.80											
		00200	04.28											
		00250	04.52											
17.6		00271	04.55											
• • • •		00300	04.52											
17.6		90600	04-49											
					• • • • •	•••••	•							

REF10 31 1889 LUNSEC 0012 LAT 4B 00 N LUNG 045 50 W	YEAR 1 MONTH GAY HOUR 2	08 S	BOTOP 00750 SHIP EL DATA USE L AREA US	HET BARG	TEMP 11.4 BUL8 09.1 DMETR 1025.1 JO T/A B/2	OTR H 33 SEA CL/TR	-	WINU-DIR WINO-SPO WINO-FOR WEATHER	25	TRACE		AST	5 S 2 S	N SO 1: SQUARE SQUARE SQUARE	84
CASTNUM/TIME L	νίτγρ	OEPTH	TEMP	SAL	SIGMA-I	OYNOPTH	SNO AFF	OXYG	P34	101 P	NO2	N03	5103	PH	
	STO	00000	11.67												
20.6		00000	11.67												
		00010	10.35												
	SID	00020	08.37												
20.6	085	00024	07.39												
	510	00030	04.88												
20.6	085	00043	01.28												
	510	00050	01.22												
20.6		00066	01.07												
	S <b>T</b> Q	00075	01.58												
20.6	280	00085	02.02												
		00100	02-13												
		00125	02-32												
20.6		00127	02.34												
		00150	03.59												
20.6		00170	04.38												
		00200	04.48												
		00250	04-56												
20.6		00255	04.56												
		00300	04.50												
20.6		00342	04.45												
		00400	04.37												
20.6		00431	04.34												
		00500	04.31												
		00521	04.30												
20.6	085 1	00554	04.40												

Table V.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC CHASE, 26-28 August 1971, Prepared from NODC Listing No. 31-1889,—Continued

REFIO 31 L889 CONSEC 0013 LAT 48 20 N LONG 045 50 W	YEAR MONTH OAY HOUR	08	80TOP 01134 SHIP E1 DATA USE 1 AREA 05				GT PER 2 2	WINO-DIR WIND-SPO WIND-FOR WEATHER	20	TRA	ST NAN ACE OI RATION IG A2	IR I		2	EN SQ SQUAI SQUAI	RE 4 RE 84
CASTNUM/TIME	LVLTYP	ОЕРТН	TEMP	SAL	S I GMA -T	OYNDPTH	SNO VEL	ÚXY G	P04	101	P N	102	NQ3	\$103	PH	
23.4	STD OBS	00000	12.20													
23.4	STD	00010	12.20 04.96													
23.4	STO 085	00020	00.28 - 0.87													
23.4	STD 085	0003J 00045	- 0.70 - 0.20													
	STO	00050	00.01													
23.4	08 S 5 T O	00071 00075	00-86 01-03													
23.4	Q8S STO	00091	01.65 01.94													
23.4	ST0 085	00125	02.61													
	STO	00136 00150	02-84 03-01													
23.4	08S STO	00200	03.34 03.53													
23.4	STD 085	00250	03.89													
	STO	00300	03.98 04.03													
23.4	085 STD	T00354 00400	04.08 04.08													
23.4	08 S S T D	00437	04.08													
23.4	085	00520	04.19 04.22													
23.4	STO 280	00600 98600	04.22 04.22													
	STO STO	00700 00800	04-21													
23.4		100855	04.12 04.04													
					*****	*******	ı									
REFIO 31 1889 CONSEC 0014 LAT 48 35 N LONG 045 51 M	YEAR MONTH OAY HOUR	08 28	8010P 01150 SMIP E1 0ATA USE 1 AREA 05	AIR I WET I BAROI CLOUI	UL8 10.8 ETR 1026.4	DIR HO 30 2 SEA CL/TR		WIND-OIR WIND-SPO WINO-FOR WEATHER	16	TRA	T NANS CE OLF ATLON G A2	R	CAST	5 2	N SQ SQUARI SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N	MONTH OAY HOUR	08 28	SMIP EI OATA USE I	WET (	UL8 10.8 ETR 1026.4	30 Z SEA	2	WIND-SPO WIND-FOR	16 X0	TRA	CE OIF ATLON G A2	050	NO3	5 2	SQUAR	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 5L W	MONTH OAY HOUR LVLTYP STO	08 28 01.6 0EPTH	SMIP E1 DATA USE 1 AREA 05	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATLON G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W	MONTH OAY HOUR LVLTYP STO OBS STO	08 28 01.6 0EPTH 00000 00000 00010	SMIP E1 OATA USE 1 AREA 05 TEMP 11.06 11.06 08.64	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATLON G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 5L W	MONTH OAY HOUR LVLTYP STO OBS STO STO OBS	08 28 01.6 0EPTH 00000 00000	SMIP E1 OATA USE 1 AREA 05 TEMP	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATLON G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LUNG 045 51 M  CASTNUM/TIME  01.6	MONTH OAY HOUR LVLTYP STO OBS STO STO OBS STO	08 28 01.6 0EPTH 00000 00000 00010 00020 00027 00030	TEMP  11.06 11.06 11.06 08.64 06.41 04.97	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATLON G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 014 LAT 48 35 N LUNG 045 51 H CASTNUM/TIME	MONTH OAY HOUR LVLTYP STO OBS STO OBS STO OBS STO	08 28 01.6 0EPTH 00000 00000 00010 00020 00027 00030 00049 00050	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6	MONTH OAY HOUR LVLTYP STO OBS STO OBS STO OBS STO OBS STO OBS	08 28 01-6 0EPTH 00000 00010 00027 00027 00030 00049 00050 00075	TEMP  11.06 11.06 08.64 06.41 04.97 04.20 01.09 01.69 01.71	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LUNG 045 51 W  CASTNUM/TIME  01.6 01.6	MONTH OAY HOUR  LVLTYP  STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS OBS OBS OBS	08 28 01.6 0EPTH 00000 00000 00010 00020 00027 00030 00049 00050 00075 00075	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06 01.09 01.69 01.71	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6	MONTH OAY HOUR STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS	08 28 28 01.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.09 01.69 01.69 01.69 22.21 02.23 02.72	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6	MONTH OAY HOUR LVLTYP STO OBS STO STO OBS STO STO STO STO STO OBS STO STO OBS STO STO OBS STO OBS STO STO OBS	08 28 28 01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.6	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06 01.09 01.71 02.21 02.23 02.72 03.10 03.11	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6	MONTH OAY HOUR STO OBS	08 28 28 01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.6	TEMP  11.06 11.06 11.06 08.64 06.41 04.20 01.06 01.09 01.09 01.21 02.21 02.23 02.72 03.10 03.11	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6	MONTH OAY HOUR STO OBS STO	08 28 28 01.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06 01.69 01.69 01.71 02.21 02.23 02.72 03.10 03.11 03.64 03.81	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6	MONTH OAY HOUR STO OBS	08 28 28 01.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TEMP  11.06 11.06 11.06 08.64 06.41 04.20 01.06 01.09 01.71 02.21 02.23 02.72 03.10 03.64 03.64 03.64 03.95	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LUNG 045 51 M  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6 01.6	MONTH OAY HOUR STO OBS	08 28 28 20 1.6 0	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06 01.69 01.69 01.71 02.21 02.23 02.72 03.10 03.11 03.64 03.64 03.81	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.	MONTH OAY HOUR STO OBS	08 28 28 01.6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06 01.69 01.69 01.71 02.21 02.23 02.72 03.10 03.11 03.64 03.81 03.95 04.13 04.13	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.	MONTH OAY HOUR STO OBS	08 28 28 01-6 02 00 00 00 00 00 00 00 00 00 00 00 00	TEMP  11.06 11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.09 01.71 02.21 02.23 02.72 03.10 03.64 03.64 03.64 03.95 04.13 04.13 04.18 04.18 04.20	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.	MONTH OAY HOUR STO OBS STO	08 28 01-6 02 01-6 02 02 02 02 02 02 02 02 02 02 02 02 02	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06 01.09 01.71 02.21 02.23 02.72 03.10 03.64 03.64 03.81 03.95 04.13 04.18 04.18 04.20 04.20 04.20	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
ONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.	MONTH OAY HOUR STO OBS	08 28 28 01.6 02 01.6 02.0 02.0 02.0 02.0 02.0 02.0 02.0 02	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.06 01.69 01.69 01.69 01.69 01.69 01.71 02.21 02.23 02.72 03.10 03.11 03.64 03.81 03.95 04.13 04.18 04.18 04.18 04.20 04.20	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATION G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
CONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.	MONTH OAY HOUR STO OBS	08 28 28 01-6 02 29 02 00 00 00 00 00 00 00 00 00 00 00 00	TEMP  11.06 11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.09 01.69 01.71 02.21 02.23 02.72 03.10 03.11 03.64 03.81 03.95 04.13 04.18 04.18 04.18 04.18 04.20 04.20 04.11 04.01	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATLON G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84
ONSEC 0014 LAT 48 35 N LONG 045 51 W  CASTNUM/TIME  01.6 01.6 01.6 01.6 01.6 01.6 01.6 01.	MONTH OAY HOUR STO OBS	08 28 28 01-6 02 01-6 02 02 02 02 02 02 02 02 02 02 02 02 02	TEMP  11.06 11.06 11.06 08.64 06.41 04.97 04.20 01.09 01.71 02.21 02.23 02.72 03.10 03.64 03.64 03.64 03.81 03.95 04.13 04.18 04.20 04.18 04.20 04.11	WET ( 8 ARQ) CL OU(	BULB 10.8 METR 1026.4 D T/A /O	30 2 SEA CL/TR	2	WIND-SPO WIND-FOR WEATHER	16 X0	TRA DUR OR I	CE OIF ATLON G A2	050		5 2 1	SQUARI SQUARI	E 4 E 84

Table VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31–8280.

REFIU 31 8280 CONSEC 0001 LAT 47 00 N LUNG 047 54 N	YEAR 1971 MONTH 11 OAY 09 HOUR 01-4	BOTOP 00137 SHIP UG OATA USS L AREA JS	ATH TEMP HET BULB BARUMETH CLOUD T/A	UTR HGT PER SEA CL/TR	#150=01R #150=580 #150=FUR #1410:0	INST STURECORDER TRACE JIR U DUPATLUN 0).1 URIG AZ 051	FIN SU 1306 5 SULARE 4 2 SULARE 66 1 SQUARE 77
CASTNUM/TIME	LVLTYP UEP	TH TEMP	SAL SIJMA-T	DYNUPTH SND VEL	JAY 6 P)4	TUT P NUZ NO3 S	D3 Pm
01.~	\$10 003 08\$ 000 \$10 000 \$110 000 \$110 000 \$110 000 \$110 000 \$110 000 08\$ 000 \$110 000 08\$ 000 \$110 000 08\$ 000 \$110 000 08\$ 000 08\$ 000 08\$ 000 08\$ 000 08\$ 000 08\$ 000 08\$ 000 08\$ 000	00	33.11 26.48 33.11 26.48 33.14 26.51 33.16 26.51 33.19 26.53 33.24 26.57 33.24 26.57 33.26 26.58 33.30 26.60 33.30 26.60 33.30 26.62 33.19 26.72 33.26 26.79 33.30 26.83 33.40 26.83 33.40 26.88 33.40 26.88 33.40 26.88 33.40 26.88	00.300 1455.0 1455.0 1455.4 1456.4 00.311 1457.0 1457.3 1457.7 00.046 1457.3 1457.7 00.075 1458.6 1443.0 00.113 1442.9 1443.0 1443.0 00.141 1444.2 1444.2			
REFEU 31 H280 CONSEC H002 EAT 47 00 N EUNH 047 44 R	YEAR 197 MUNTH 1: DAY 09 HOUR 34.4	SHIP UG DATA USE	WET BULB C3.1 BARUMETR 1015.	1 33 2 3	HIND-OIR IT HIND-SPO I3 HINO-FOR HEATHER X5	INST STO RECORDER TRACE DIR 0 DURATION 00-2 ORIG A2 US1	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 77
CASINUM/11ME	LVLTYP DE	TH TEMP	SAL SIGMA-I	DANOBIH 2ND AFF	JAYG P34	TOT P NOZ NO3	SEU3 PH
U <b>4.</b> V	STU 300 085 300 STD 900 UBS 300 STD 900 STD 90	00 02.95 10 02.65 10 02.65 13 02.65 13 02.55 20 02.55 20 02.55 20 02.55 20 02.55 20 02.75 30 00.87 25 0.87 25 0.37	33.05 26.35 33.05 26.36 33.02 26.36 33.02 26.36 33.12 26.61 35.12 26.61 35.32 26.61 35.37 26.62 33.36 26.62 33.14 26.64 32.27 26.77 33.33 26.82 33.34 26.64 32.27 26.77 33.34 26.64 32.27 26.77 34.30 26.82 33.34 26.49 33.47 26.49 33.54 26.49 33.57 26.49	00.363 1459.9 1459.9 03.317 1458.0 1458.0 1457.4 03.332 1450.7 1458.7 1450.7 1450.8 00.047 1459.8 00.075 1460.0 1443.0 1443.0 1443.0 1443.0 1443.0 1443.0 1444.3 00.137 1444.3			
REF10 31 8280	YEAR 1971	8010P 00220 SHIP 0G	AIR TEMP 02.5 WET BULB 02.5	UIP HGT PER	#1NO-01K 17	INST STO RECORDER THACE DIR - D	TEN SU 1376 5 SUUARE 4
CUNSEC 0003 LAT 47 00 N LONG 047 30 H	11 HTMUP 09 YAC HOUR 05.9	DATA USE 1 AREA 05	HAROMETR 1016.0	US 2 3 SFA CL/TR	HIND-SPO L3 HIND-FIIR HEATHER X+	DURATION 00-1 URIG A2 USI	2 SJUARE 06 L SHUARE 77
CASTNUM/TIME	LVLTYP OEP	TH TEMP	SAL SIGMA-T	DYNOPTH SNO VEL	JXY6 P14	TUT P NOZ NO3 S	5103 PH
05.4	\$10 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 000 085 001 085 001 085 001 085 001	00	33.16	00.000 1456.3 1450.3 1450.0 00.015 1456.4 1456.4 1456.4 1456.7 1458.3 00.030 1458.7 00.043 1459.6 1459.6 00.070 1452.9 00.104 1444.6 1445.4 1445.9 00.132 1445.4 1445.9 00.176 1451.5 1456.0 1457.2			

Table VL—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9–10 November 1971, Prepared from NODC Listing No. 31–8280,—Continued

#8FTD 31 8280 CUNSEC U004 LAT 47 00 N CUNG 047 14 H	YEAR 1971 MONTH 11 UAY 09 HUUR 07•7	DUTUP UCUYA SHIP UU DATA USC 1 AREA 35	AIR TEMP 03.7 WET BULK 03.4 BARÜMETH 1010.5 CLUDJ 1/A	33 Z 3	WIND-OIR 15 WIND-SPU 15 WIND-FOR WEATHER X4	INST STO MECOMOEN TEN SO 1306 TRACE OTH U 5 SQUARE 4 DOMATION 00-1 2 SQUARE 66 CHIG A2 051 1 SQUARE 77
CASTNOM/TEMEE	VLTYP DEPT	H TEMP	SAL SIJMA-T	DYNUPTH SND VEL	UXYG PJ4	TOT P NUZ NU3 STO3 PH
01.1	\$10 0000  DB\$ 0002  \$10 0002  RB\$ 0003  \$10 0003  S10 0003	0 0 0 3 1 0 0 0 3 1 0 0 0 3 1 0 0 0 3 1 0 0 0 3 1 0 0 0 3 1 0 0 0 3 0 0 0 0 3 0 0 0 0 5 0 0 0	33.60 25.43 33.60 20.43 33.60 20.43 33.60 20.43 33.60 20.43 33.59 20.42 33.68 20.55 33.08 20.55 33.08 20.55 33.01 20.92 33.71 20.92 33.71 20.92 34.41 27.51 34.41 27.51 34.55 27.56 34.59 27.56 34.59 27.56 34.59 27.56 34.70 27.60 34.70 27.63	00.303 1474.5 1474.0 00.315 1474.6 03.032 1474.7 03.032 1474.7 03.048 1473.3 1473.3 00.377 1471.2 1471.2 00.103 1460.1 00.131 1459.6 03.145 1463.6 03.145 1463.6 03.159 1464.7 1464.7 1464.7 1467.3 00.209 1467.8 1467.3 00.209 1409.8 1407.3 1470.7 00.280 1471.2 1470.7 00.327 1471.0 00.373 1475.6 00.419 1477.1 00.465 1478.8 1477.1 00.465 1477.1 00.465 1477.1 00.465 1477.1		
PEFLO 31 8290 CONSEC 0005 LAT 47 00 N LUND 040 59 W	YEAR 1771 MONTH 11 DAY 09 HOOR 09.7	BUIDP 01097 SHIP OU OATA USE 1 AREA OS	AIR TEMP 07.0 HET BULH CO.6 HAROMETH 1015.0 CLCUU T/A	03 1 3	MIND-DIR 14 MIND-SPD 21 MIND-FUR MEATHER XI	INST STD RECORDER TEN SJ 1306 TRACE DIR D > SQUARE 4 DURATION 03.4 2 SQUARE 66 URIG AZ 051 L SQUARE 76
CV21VAN11ME F	VLTYP DEPT	H TEMP	SAL SIGMA-F	DYNOPTH SNO VEL	JXYU PJ4	TET P NOZ NU3 S103 PH
09.7	STD 0000 CBS 0000 STD 0001 STD 0000 STD 00000 STD 000000 STD 000000 STD 000000 STD 000000000000000000000000000000000000	U U6.57 0 06.56 U 06.56 U 06.56 U 06.40 0 06.40 0 06.40 0 06.28 0 06.28 0 04.27 5 03.47 5 03.47 5 03.47 6 04.28 0 04.27 0 04.28 0 04.27 0 04.28 0 04.27 0 04.28 0 04.27 0 04.28 0 04.27 0 04.28 0 04.27 0 04.28 0 04.28 0 04.28 0 04.28 0 04.28 0 04.29 0 04.29 0 04.37 0 04.39 0 04.39 0 04.39 0 04.28 0 04.29 0 04.29 0 04.29 0 04.29 0 04.29 0 04.29 0 04.29 0 04.29	33.06 25.17 33.30 25.97 33.16 26.05 33.16 26.05 33.16 26.05 33.17 20.09 33.22 26.12 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 33.31 26.21 34.31 26.83 34.44 27.42 34.60 27.46 34.53 27.46 34.60 27.58 34.60 27.58 34.60 27.66 34.82 27.66 34.82 27.66 34.83 27.65 34.91 27.65 34.93 27.73 34.93 27.73 34.93 27.73 34.93 27.73 34.93 27.73 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75 34.93 27.75	00.100 1474.9 1474.8 00.620 1475.1 1475.1 1475.1 1475.6 03.039 1474.7 00.053 1474.7 00.053 1474.7 00.053 1467.2 1465.1 00.129 1465.1 1465.1 00.145 1467.2 1467.2 00.160 1466.9 1467.2 00.160 1467.9 00.209 1771.1 00.253 1473.2 1471.0 00.368 1477.7 00.413 1475.0 03.524 1475.0 03.524 1475.0 03.524 1475.0 03.524 1477.7 00.413 1479.0 00.456 1460.2 00.501 1460.2 00.501 1460.2 00.501 1460.2 00.501 1460.2 00.501 1460.2 00.501 1461.6 00.545 1483.2 1483.3		

Table VI. -Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280,--Continued

PEFID 31 8280 CONSEC 0006 LAT 47 03 N LONG 046 45 W	YEAR MUNTH OAY HOUR	09	BUTOP OCBAL SHIP UG OATA USE I AREA US			DIR H 12 d SEA CL/TR		MIND-DIF MIND-SPU MIND-FUR MEATHER	1 5	TRACE	STU FEC JIR IUN AZ 057	03.4	5 2	N SJ L SJUARE SJUARE SJUARE	4 6 6
CASTNUM/T[ML	LVLTYP	UEPTH	TEMP	SAL	SIGMA-T	HISGNYO	SND VEL	OXYG	P 34	TOT P	402	NO3	5133	Рн	
	STD	00000	07.17	32.86	25.13	00.000	1476.9								
11.8	OBS STD	00000	07.17 07.08	32.36 32.33	25.13 25.30	03.022	1470.7								
	OBS STD	00010	07.08	32.95	25.80 25.82	03.044	1476.8								
	U85	00050	01.06	32.95	25.82		1476.9								
	STD JBS	00030	07.03 67.03	33.18	26.00 26.30	00.065	1477.5								
	510 385	00050 00050	06.56 06.56	33.04	26.47	60.101	1470.4								
	510	00015	06.15	34.13	20.19	03.137	1478.2								
	185 510	00075	06.75 03.3≥	34.13 34.3≥	26.79 27.33	00.103	1478.2								
	STO	00100	03.32	34.32 34.61	27.33	00.160	1464.7								
	OBS	00125	04.01	34.61	27.50		1468.4								
	UBS UBS	00130 00140	04.01	34.63 34.61	27.51 27.51		1468.d 1468.2								
	S10 385	00150	03.91	34.67	27.55	00.154	1468.5								
	GBS STO	00200	03.88	34.72	27.61	00.221	1464.1								
	J85	00200	04.05	34.76	27.01	00.221	1470.0								
	085 STD	00210	04.18 04.38	34.78	27.66	00.245	1470.8								
	UBS OBS	00250 30270	04.38	34.06	21.66 21.64		1472.4								
	085	00290	04.39	34.38	27.57		1473.1								
	STO OBS	00300	04.34	34.87	21.67 21.67	00.269	1473.0								
	08 S 08 S	00310	04.21	34.84 34.95	21.66		1472.6								
	STO	00400	04.52	34.92	27.65	00.315	1475.5								
	08 \$ 08 \$	00400 00420	04.52 04.41	34.92 34.92	27.69		1475.5								
	08 S S T O	00475	04.50	34.93	27.70 27.71	00.360	1476.7								
	U85	00500	04.32	34.92	21.71	00. 100	1476.3								
	DBS DBS	00540 00552	04.31 04.19	34.92 34.90	27.71 27.71		1477.0								
	OBS UBS	00572 00590	04.35	34.94 34.92	21.12 21.12		1477.7								
	STO	00600	04.39	34.95	27.13	00.405	1478.3								
	OBS STD	00600 00 <b>7</b> 00	04.39 04.19	34.95 34.94	21.13 21.14	00.449	1478.3								
	08 S S T O	00100 00800	04.19 04.06	34.94 34.94	27.74 27.75	00.492	1479.1								
	овѕ	00800	04.06	34.94	21.75	00.472	1480.3								
					****	** * * * * * * * *	•								
KLF1 31 8280	YEAP	1971	BUTCP 00295		1 £ ~ P	DIR	HGT PER	#1ND-01F			STO RE			TEN SU	
CINSEL 0307		1: 09	SHIP UG DATA USE I		MULP OMETK	SEA		WIND-SPI WIND-FOI			ALG 3.	00.	?	5 SQUARI 2 SQUARI	E 66
Luhu 146 31 N		14.0	APFA OS		U.) T/4	CL/1	<b>k</b>	WEATHER		ORIG	A2 05	1		LSQUAR	E 76
CASTSUM/TIME	LVLTYP	DEPTH	TEMP	SAL	1-AMC12	OYNDPTH	SND VEL	JXY6	P)4	TOT	NOZ	NU3	\$10	3 РН	
	STD	00003	31.49	32.71	25.57	00.000	1478.0								
14.0	_es _s10	00000	07.49 07.48	32.71 32.71	25.57 25.57	00.024	1478.J 1478.l								
	13S	0100	€7.48	32.71	25.57	00 069	1478.1 1478.2								
	510 260	00020	07.46 C7.46	32.71 32.71	25.5€ 25.5€		1478.2								
	510 510	00030 00050	04.60	33.21 33.92	26.32 21.15	00.064	1467.5								
	J8 S	00050	€1.67	33.92 34.29	27.15		1456.1								
	ST0 (185	00075	03.22	34.29	27.32	00.117	1463.8								
	0#S 18S	000 <b>65</b> 00090	03.37	34.42 34.16	21.36 21.36		1460.1								
	Stu	30193	03.92	34.56	21.41 21.41	00.134	1467.6								
	0 4 S	00105	04.14	34.64	27.51		1468.7								
	IRS STD	00110	(4.04 04.21	34.62	21.50	00-149	1468.3 1464.6								
	06.5	00125	04.76 04.14	34.69	21.53 21.55		1469.6								
	STL	00140 00150	04.12	3+.76	21.00	00.163	1469.5								
	18.S 13.5 S	00150	04.12	34.76 34.80	21.50		1469.5								
	STD	00200	04.29	34.84 34.84	21.65	00.187	1471.2 1471.2								
	185 C85	00200 00245	04.29	34.05	21.06		1471.9								
	STD UBS	00,53 302 <b>1</b> 3	04.28	34.85	21.66 21.61	03.211	1472.0 1472.1								
						•••••••	••								

Table VI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 3I-8280.—Continued

CONSEC 0008 LAT 47 00 N LONG 040 10 m	HUNT	1971 H 11 D9 16-1	BOTOP 00329 SHIP OG OATA USE 1 AREA OS	HET BARC	TEMP BULB IMETR IO T/A	UIR F SEA CL/TR	∪T PER	WIND-DII WIND-SPI WIND-FUR WEATHER	ט	TRA	AC E	TO REC OIR IUN AZ OSI	00.1	5	EN SO 1 SQUARE SOUARE SQUARE	66
CuSTNUM/TIME	LVLTYP	DEPTH	TEMP	S AL	SIGMA-T	UYNDPTH	SNO VEL	OXYG	P)4	101	P	NO2	ND3	\$103	РН	
	STD	00000	07.09	32.74	25.65	00.000	1470.4									
10.1	085	00000	07.09	32.74	25.65		1476.4									
	510	00015	07.0+	32.14	25.65	03.023	1470.6									
	U85	00010	07.01	32.74	25.65		1476.6									
	510	00020	06.54	32.89	25.84	00.040	1474.8									
	UbS	00020	06.54	32.99	25.84		1474.8									
	STO	00033	06.33	33.24	20.14	00.066	1474.6									
	085	00030	00.33	35.24	25.14		1474.0									
	STU	000003	04.5+	33.31	20.40	00.102	1467.9									
	085	00050	04.54	33.51	26.40		1467.9									
	510	00015	04.67	33.30	26.78	00.136	1469.3									
	N8 5	00075	04.67	33.80	26.78		1469-3									
	510	00100	05.47	34.15	20.47	00.168	1473.4									
	UBS	00100	05.47	34.15	26.97		1473.4									
	510	00125	03.03	34.44	27.46	00.193	1464.0									
	U8 5	00125	03.03	34.44	21.46		1464.0									
	STD	00150	03.89	34.52	27.52	00.205	1468.4									
	085	00153	03.69	34.62	27.52		1465.4									
	085	00175	04.25	34.72	27.56		1470.4									
	510	00200	04.48	34.78	27.58	00.233	1471.9									
	085	00200	04.48	34.78	27.58		1471.9									
	STO	00250	04.41	34.86	27.65	00.259	1472.5									
	UBS	u0250	04.41	34.86	27.05		1472.5									
	085	00215	04.31	34.05	27.06		1472.5									
					****		•									

REFIO 31 8280 CONSEC 0009	MONT	1971 H 11	80TOP 0029; SHIP 0G	₩£ T	TEMP BULB	-	∍T PER	#1NO-01R #1ND-5P0		TRAC	STO RE	0	5	EN SO 1:	4
LAT 47 00 N		09	DATA USE		METR	SEA		MIND-EUR			TION	00.2		SOUARE	
L3NG 045 50 W	HOUR	17.9	AREA 0	5 CLOU	0 T/A	CL/TR		WEATHER		ORIG	A2 U5	1	1	SJUARE	75
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-1	OYNOPIH	SND VEL	OXYG	P04	TUT P	NOZ	NU3	5103	Рн	
	\$10	00000	06.51	32.89	25.85	00.000	1474.3								
17.9	08.5	00000	06.51	32.69	25.85		1474.3								
_	510	00010	06.51	32.90	25.85	00.022	1474.5								
	085	00010	06.51	32.90	25.85		1474.5								
	STO	00020	06.33	32.43	25.90	00.043	1474.0								
	OBS	00020	06.33	32.93	25.90		1474.0								
	STO	00030	05.07	33.10	26.19	00.063	1469.3								
	08.5	00030	05.07	33.10	26.19		1469.3								
	510	00050	05.09	33.66	26.63	00.095	1473.4								
	085	00050	05.09	33.66	26.63		1470.4								
	510	00075	05.87	34.02	26.82	00.12≠	1474.5								
	280	00075	05.87	34.02	26.82		1474.5								
	510	00100	05.90	34.33	27.06	00.157	1475.4								
	08.5	00100	05.90	34.33	27.06		1 4 75 . 4								
	510	00125	02.93	34.46	27.48	00.17#	1463.6								
	085	00125	02.93	34.46	27.48		1463.6								
	510	00150	03.61	34.60	27.53	00.191	1467.1								
	08.5	00150	03.61	34.60	27.53		1467.1								
	OBS	00175	04.07	34.71	27.57		1469-6								
	STD	00200	04.51	34.79	27.59	00.221	1472.0								
	085	00200	04.51	34.79	27.59		1472.0								
	085	00245	04.47	34.83	27.62		1472.6								

Table VI.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 9-40 November 1974, Prepared from NODC Listing No. 31 8280,—Continued

CUNSEC EAT 47 A LONG U45 S	8280 0010 20 N	YEAR MUNTH DAY HOUR	09	HUTOP JUSO2 SHIP Do UATA USE I AREA US	AIR T RET d dahum Cloud	UL6 C5.7 ETK 1012.5	UIH HO 17 H SEA CL/TR	.T Ft+ - 3	AIND-DIK AIND-SPU AIYO-FOR WEATHEN	2 •	INST S THACE OURATI URIG	OLR FON	07.1	2	EN SU I SUUARE SUUARE SUUARE	64
LASTNLF/	THE	LVLTYP	OLPTH	TEMP	SAL	SIGMA-T	PIACKA	SNU VEL	UAYG	P.J.4	TUT P	ND2	100	\$113	Pił	
		STO	00000	66.43	32.95	25.50	00.000	147-1								
4	8.05	UBS	00000	00.41	32.75	29.90		1474-1								
		510	00013	30.43	32.96	25.91 25.91	00.041	1474.3								
		UBS STO	00020	(6.43 06.43	32.96	25.91	00.042	1474.4								
		1185	00020	06.43	32.40	25.91		1474.4								
		JB 5	00025	06.34	12.10	25.92		1474.2								
		STD	000 30	06.24	33.J3 33.O3	25.99 25.99	00.063	1473.9								
		185 STO	00050	06.24	33.62	26.96	00.054	1452.5								
		UBS	00050	00.95	33.02	20.96		1452.5								
		STO	onn 75	02.04	34.12	21.25	00.114									
		085	00075	02.04	34.12	21.29		1456.5								
		785 510	00090 00100	03.57	34.28	27.33	60.137									
		085	00100	03.04	34.28	21.53		1403.4								
		ರಿಕ\$	00110	02.74	34.24	27.32		1-62-5								
		510	00125	U3.43	34.40	21.45 21.45	00.155	1466.0								
		J85	00125	03.48 04.00	34.40 34.54	27.44		1468.5								
		JB5	00140	03.7.	34.50	27.44		1467.5								
		UBS	00145	04.03	34.50	27.46		1468.8								
		STO	00153	03.85	34.54	27.46	00.171	1464.0								
		ObS JBS	00150	03.83 64.48	34.54 34.72	27.53		1471.4								
		OBS	00185	(4.38	34.69	27.52		1471.1								
		5 <b>T</b> O	00200	04.73	34.79	27.56	00.201									
		UBS	00200	04.75	34.79	27.56	0ง.22 ช	1472.9								
		STO	00253 00250	04.50	34.81 34.81	27.60 27.60	00.220	1472.d								
		U8\$	00275	04.47	34.84	27.63		1473.1								
						••••										
REFID 31		YEAR	1+71	60TOP 00375		TEMP OH.		-oT PER	#[frD=D] F				EC OR DER		TEN SU	
CONSEC	0011	MUNT	1→71 ⊣ 11 09	SHIP OG	πEΤ	3UL8 0%.	7 17	T PER	# [ND=0] F # [ND= \$P] # [NO=FUE	12.	TRAC	E DIR	C		5 SQUA	HE 4
CONSEC	0011 40 N	MUNT DAY	<b>⊣ 11</b>	SHIP OG	#ET		7 17	+ 3	#IND-SPL	2 •	TRACI	E DIR	00.2			KE 4 RE 64
CONSEC LAT 47	0011 40 N	MUNT DAY	H 11 09	SHIP OG DATA USE I	#ET	BULB 09.	7 17 5 SEA	+ 3	#1ND-SPL #1NO-FUE	2 •	TRACI	E DIR TION	00.2		5 SQUAR	KE 4 RE 64
CONSEC LAT 47	0011 40 N 50 H	MUNT DAY HUJR	H 11 09	SHIP OG DATA USE I	#ET	BULB 09.	7 17 5 SEA LL/TI	+ 3	AINO-SPE AINO-FUE WEATHER	2 + 1 X +	TRACI	E DIR TION	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	TAUP YAQ HUJR QYTJYJ	H 11 09 23.3 DEPTH	SHIP OU DATA USE I AREA US	MET L BAKE S CEUL	30L8 09. METH 1012. 90 T/4 Slima-T	7 Î.7. 5 SEA UL./TI	SNU VEL	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	TAUP PAUP AUDH PYLTYP TO	H 11 09 23.3 DEPTH	SHIP OG DATA USE I AKEA US TEMP	MET BANK CEUL SAL 32.40	30L8 0%. METK 1012. MT74 S1.M4-T 25.85	7 Î.7. 5 SEA UL./TI	SNU VEL	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	TAUP YAQ HUJR QYTJYJ	H 11 09 23.3 DEPTH 00000 00000	SHIP OU DATA USE I AREA US	#ET B ARK CEUL SAL 32.40 32.40	30L8 03. METH 1012. D T/4 Sl.M4-T 25.85 25.85	7 17 5 SEA ULZTI OYNUPTH CO.000	SNU VEL 1474.5 1474.5	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	TAUP PA 0 RLUH PA 1 PA 1	H 11 09 23.3 DEPTH J0000 00000 J0010 J0010	1 EMP  00-50  00-54  00-54	#ET BAKE CECL SAL 32.40 32.90 32.45 32.45	30L8 03. METH 1012. 30 T/4 Slima=T 25.85 25.85 25.85 25.85	7 17 5 SEA ULZTI OYNUPTH CO.000 OU.UZ1	SNU VEL 1+74-5 1474-7 1474-7	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	HUNT HUNT HUNT EVETYP STO OBS STO OBS STO	H 11 09 23.3 DEPTH J0000 00000 JJ310 J3010 0002J	SHIP OUDATA USE I AREA US TEMP 06-55 06-55 06-54 06-34	#ET B & #K 5 CE OL 32.90 32.90 32.95 32.95 33.19	3UL8 03. METH 1012.10 T/4  SL MA-T  25.85 25.85 25.85 25.85 25.85	7 17 5 SEA ULZTI OYNUPTH CO.000	SNU VEL 1474.5 1474.5 1474.7 1474.7 1474.7	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	TAUP YAC RUM PYTUY  OTS OTS OTS OTS OTS OTS OTS OTS OTS OT	H 11 09 23.3 DEPTH 00000 00000 00010 00020 00020	SHIP OUDATA USE I AREA US IEMP Ob-50 CO-50 UC-54 U6-54 U6-34 U6-36	#ET B & A K C C E C C S A L 32.90 32.90 32.95 32.95 33.19 33.19	30L8 09. METH 1012.  S1:MA-T  25:85 25:85 25:45 25:55 25:55 25:10 26:10	7 17 5 SEA UL/TI OYNUPTH CO.009 OJ.021	SNU VEL 1474.5 1474.5 1474.7 1474.7 1474.5	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	PAUP PAUP REUM PAUP STO STO STO STO STO	H 11 09 23.3 DEPTH 00000 00000 00010 00010 00020 00020 00020	SHIP OUDATA USE 1 AREA US  TEMP  06.50 C0.50 U0.54 U0.54 U0.30 U0.41	#ET BAKE CECU SAL 32.90 32.95 32.95 33.19 33.19 33.24	30L8 0%. METK 1012.*  S1.M4-T  25.85 25.85 25.85 25.85 25.85 25.85 25.85 25.85 25.85 25.85	7 17 5 SEA ULZTI OYNUPTH CO.000 OU.UZ1	SNU VEL 1474.5 1474.5 1474.7 1474.7 1474.7	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	TAUP YAC RUM PYTUY  OTS OTS OTS OTS OTS OTS OTS OTS OTS OT	H 11 09 23.3 DEPTH 00000 00000 00010 00020 00020	SHIP OUDATA USE I AREA US IEMP Ob-50 CO-50 UC-54 U6-54 U6-34 U6-36	#ET 84#L 5 CECU 5AL 32.90 32.95 32.95 33.19 33.19 33.24 33.24 33.44	30L8 09. METH 1012.  S1:MA-T  25:85 25:85 25:45 25:55 25:55 25:10 26:10	7 17 5 5 4 4 17 5 5 4 4 17 17 17 17 17 17 17 17 17 17 17 17 17	SNU VEL 1474-5 1474-7 1474-7 1474-9 1474-9	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	MUNT DAY HUJR LVLTYP STO UBS	# 11 09 23.3 DEPTH J0000 00000 J0010 00020 J0010 J000 J000 J000 J000 J000 J000 J000 J000 J000 J000 J00 J00 J000 J00 J00 J000 J00 J00 J00 J00 J00	SHIP OUDATA USE I AREA US I EMP US SO CO-55 UG-54 US-54 US-30 US-31 US-31 US-31 US-35 US-3	#ET BAKE SAL SEL YO 32.90 32.95 33.19 33.19 33.44 33.44 33.44 33.44 33.44	3ULR 01. METH 1012.  51 MA-T 25.85 25.85 25.85 25.85 25.10 26.10 26.13 26.13 26.36	7 17 Sta LL/TI 03/NU/PTH	SNU VEL 1474-5 1474-7 1474-7 1474-9 1474-9 1474-1 1473-2 1473-2	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	MUNT DAY HUJR  EVETYP  STO UBS	4 11 09 23.3 DEPTH JODOO 00000 JOD10 JOD10 JOD20 JOD20 JOD50 JOD50 JOD50 JOD50 JOD50 JOD50 JOD50 JOD50	SHIP OUDATA USE I AREA US I EMP US US SU U	#ET #AHL 5 CEUL  SAL  32.90 32.95 32.95 33.19 33.19 33.24 33.44 33.44 34.37	3ULR 01. METK 1012.  10 174  S1.MA-T  25.85 25.85 25.85 25.10 26.10 26.10 26.13 20.13 20.36 26.36 27.23	7 17 Sta LL/TI 03/NU/PTH	SNU VEL 1+74-5 1+74-5 1+74-7 1+74-7 1+74-5 1+74-9 1+74-9 1+73-2 1+73-2 1+75-1	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E D1R T10N A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LENO 045	0011 40 N 50 H	MUNT HUNT HUNT HUNT HUNT HUNT HUNT HUNT H	4 11 09 23.3 DEPTH 00000 00000 00000 00020 00020 00030 00050 00050 00050	SHIP OUDATA USE 1 AREA	SAL  32.90 32.90 32.95 32.95 33.19 33.24 33.49 33.24 33.49 33.49 33.49 33.49 33.49	3UL8 04. METK 1012.  S1.MA-T  25.85 25.85 25.85 25.85 25.85 25.85 25.10 26.10 26.13 26.13 26.13 26.36 27.23	7 17 5 5 4 CE/TII 0 YNO PTH 00.000 00.021 00.042 00.061 00.090 00.124	SNU VEL 1474.5 1474.7 1474.7 1474.7 1474.7 1474.9 1474.9 1473.2 1475.1 1459.1	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT DAY HUJR  EVETYP  STO UBS	4 11 09 23.3 DEPTH JODOO 00000 JOD10 JOD10 JOD20 JOD20 JOD50 JOD50 JOD50 JOD50 JOD50 JOD50 JOD50 JOD50	SHIP OUDATA USE I AREA US I EMP US US SU U	#ET #AHL 5 CEUL  SAL  32.90 32.95 32.95 33.19 33.19 33.24 33.44 33.44 34.37	3ULR 01. METK 1012.  10 174  S1.MA-T  25.85 25.85 25.85 25.10 26.10 26.10 26.13 20.13 20.36 26.36 27.23	7 17 5 5 4 CE/TII 0 YNO PTH 00.000 00.021 00.042 00.061 00.090 00.124	SNU VEL 1+74-5 1+74-5 1+74-7 1+74-7 1+74-5 1+74-9 1+74-9 1+73-2 1+73-2 1+75-1	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT 1 DAY 1	# 11 09 23.3 DEPTH 00000 00000 00000 00020 00020 00020 00050	SHIP OUDATA USE I AREA US I EMP US Co-55 U6-54 U6-54 U6-36 U6-41 U5-45 U	SAL  32.40 32.45 32.45 33.19 33.19 33.19 33.19 33.34 34.37 34.37 34.37 34.37	3ULR 01. METH 1012.  51.MA-I  25.85 25.85 25.85 25.16 26.16 26.13 26.13 26.13 26.36 27.23 27.23 27.47 27.54	7 17 Sta LL/TII 6 VNUPTH C0.009 00.021 00.042 00.061 00.99 Cc.12a 00.146	SNU VEL  1+74-5 1+74-7 1+74-7 1+74-7 1+74-7 1+74-9 1+74-9 1+74-7 1+73-2 1+73-2 1+73-1 1+60-3 1+60-3	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT HU JR  LVLTYP  \$10 UBS \$10 UBS \$10 UBS \$110 UBS	# 11 02000 00000 00000 00000 00000 00000 00000 0000	SHIP OUDATA USE I AREA US I EMP US 1 EMP	SAL  32.40  32.95  32.95  33.19  33.24  33.44  33.44  34.37  34.37  34.37  34.37	3ULR 01. METK 1012. ID 174  S1.MA-T  25.85 25.85 25.85 25.95 25.10 26.10 26.13 20.36 26.36 27.23 27.47 27.54	7 17 5 4 4 7 7 5 6 4 7 7 7 5 6 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	SNU VEL  1-74-0	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT HU JR  LVLTYP  510 (185 510	# 11 09 23.3	SHIP OUDATA USE I AREA USE I SEND	SAL  32.40 32.45 32.45 33.19 33.19 33.19 33.24 33.24 33.24 33.24 33.37 34.37 34.37 34.37 34.37	3ULB 04.  METK 1012.  10 174  S1.M4-T  25.85 25.85 25.85 25.85 25.85 25.10 26.10 26.13 26.13 26.13 27.23 27.23 27.23 27.47 27.54 27.54 27.54	7 17 Sta LL/TII 6 VNUPTH C0.009 00.021 00.042 00.061 00.99 Cc.12a 00.146	SNU VEL  1+74-5 1+74-7 1+74-7 1+74-7 1+74-7 1+74-9 1+74-9 1+74-7 1+73-2 1+73-2 1+73-1 1+60-3 1+60-3	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT HU JR  LVLTYP  \$10 UBS \$10 UBS \$10 UBS \$110 UBS	# 11 02000 00000 00000 00000 00000 00000 00000 0000	SHIP OUDATA USE I AREA US I EMP US 1 EMP	SAL  32.40  32.95  32.95  33.19  33.24  33.44  33.44  34.37  34.37  34.37  34.37	3ULR 01. METK 1012. ID 174  S1.MA-T  25.85 25.85 25.85 25.95 25.10 26.10 26.13 20.36 26.36 27.23 27.47 27.54	7 17 5 6 A CL/71 OYNUPTH CO.000 OJ. U21 OJ. U42 OJ. U61 OJ. 146 OJ. 146 OJ. 146 OJ. 175	SNU VEL 1+14.0 1+14.0 1+14.7 1+14.7 1+14.7 1+14.7 1+14.9 1+14.7 1+15.9 1+15.9 1+16.0 1+60.0 1+60.0 1+60.1 1+60.1	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT 1 DAY 1	# 11 09 23.3 DEPTH 00000 00000 00000 00000 00000 00000 0000	SHIP OUDATA USE I AREA USE I SEMP USE S	SAL  32.40 32.45 33.19 33.19 33.19 33.24 33.44 33.44 34.37 34.37 34.37 34.37 34.37 34.37 34.37 34.37 34.37	3ULR 01. METH 1012.  S1.MA-I  25.85 25.85 25.85 25.16 26.16 26.13 26.13 26.13 26.36 27.23 27.27 27.54 27.54 27.54 27.54 27.54 27.54 27.54 27.54 27.54 27.54	7 17 5 6 A CL/717 5 CO.203	SNU VEL 1+74.5 1+74.7 1+74.7 1+74.7 1+74.7 1+74.9 1+74.9 1+73.2 1+73.2 1+59.1 1+60.3 1+60.3 1+60.1 1+00.2 1+72.2 1+72.2 1+72.2 1+72.2	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT HU JR  LVLTYP  STO UBS	# 11	SHIP OUDATA USE I AREA USE I EMP USE	SAL  32.40  32.95  32.95  32.95  33.19  33.24  33.44  33.44  33.47  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37	3ULR 01. METK 1012.  10 174  51 MA-T  25.85 25.85 25.85 25.85 25.10 26.10 26.10 26.13 20.36 26.36 27.23 27.47 27.54 27.54 27.54 27.61 27.61 27.63 27.63	7 17 5 6 A CL/717 5 CO.203	SNU VEL  1-74-9 1-74-9 1-74-7 1-74-7 1-74-9 1-74-9 1-74-9 1-74-9 1-74-9 1-75-9	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT HU JR  LVLTYP  STD (185 S	# 11 09 23.3 DEPTH	SHIP OUDATA USE I AREA USE I SEND USE S	SAL  32.40  32.45  32.45  33.19  33.19  33.19  33.19  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37  34.37	30L8 01. METK 1012.  S1 MA-T  25.85 25.85 25.85 25.10 26.10 26.13 20.36 27.23 27.47 27.47 27.44 27.61 27.63 27.63 27.63 27.63 27.63	7 17 SEA CL/717 OYNUPTH C0.000 OJ. J21 OJ. J61 OJ. J61 OJ. J61 OJ. J61 OJ. J75 C0. Z03 OJ. Z24	SNU VEL  1+14-5 1+14-5 1+14-7 1+14-7 1+14-7 1+14-9 1+14-9 1+14-9 1+14-9 1+16-0 1+60-0 1+60-1	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT HU JR  LVLTYP  STO UBS ST	# 11 09 23.3	SHIP OUDATA USE I AREA USE I SHIP OUSE I S	SAL 32.40 32.45 33.49 33.19 33.19 33.24 33.44 34.37 34	3UL8 04.  METK 1012.  10 174  S1.MA-T  25.85 25.85 25.85 25.45 26.10 26.10 26.13 20.36 26.36 27.23 27.23 27.24 27.47 27.54 27.01 27.04 27.04 27.04 27.04 27.06 27.06 27.06	7 17 SEA CL/717 OYNUPTH C0.000 OJ. J21 OJ. J61 OJ. J61 OJ. J61 OJ. J61 OJ. J75 C0. Z03 OJ. Z24	SNU VEL  1+14.0 1+14.0 1+14.7 1+14.7 1+14.7 1+14.7 1+14.9 1+14.7 1+14.9 1+14.9 1+16.0 1+60.0 1+60.0 1+60.1	MIND-SPE MIND-FUR WEATHER	2 + 1 X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64
CONSEC LAT 47 LEVI, 045	0011 40 N 50 H	MUNT MU JR M	# 11 00/03 0	SHIP OUDATA USE I AREA USE I EMP USE	SAL  32. 40 32. 45 32. 45 32. 45 33. 19 33. 19 33. 24 33. 44 33. 44 33. 45 34. 37	3ULR 01. METK 1012.  S1.MA-T  25.85 25.85 25.85 25.85 25.95 26.10 26.13 26.33 26.33 27.23 27.47 27.54 27.54 27.61 27.61 27.61 27.63 27.63 27.66 27.66 27.66 27.66	7 17 SEA CL/717 OYNUPTH C0.000 OJ. J21 OJ. J61 OJ. J61 OJ. J61 OJ. J61 OJ. J75 C0. Z03 OJ. Z24	SNU VEL  1-74-9 1-74-9 1-74-7 1-74-7 1-74-9 1-74-9 1-74-9 1-74-9 1-75-1	MIND-SPE MIND-FUR WEATHER	2 + X +	TRACI OUFA URIU	E DIR TION A2 C	00.2 51		5 SQUAR 2 SQUAR 1 SQUAR	KE 4 RE 64

Table VI.--Observed and Interpolated Oceanographic Data from Stations Occupied by l'SCGC DALLAS, 9-10 November 1971, Prepared from NODC Listing No. 31-8280,—Continued

REFIG 31 8280 CONSEC 0012 LAT 48 00 N LUNG 045 50 W	MONT	1971 H 11 H 10	BUTOP 00714 SHIP OG DATA USE 1 AKEA (5				GT PER	n1ND-D1R #[ND-SPD #[HD-FJR #EMTME#		TH AC E		00.2	2	EN SU 1306 SJUARE 4 SJUARE 84 SJUARE 85	
CASTNUM/TIME	LVLTYP	DEPTH	LEMP	SAL	SIUMA-T	<b>БУ ФРТ</b> Н	SNU VEL	JXYG	P )4	101 P	NUZ	NU3	S [ J 3	PH	
01.0	\$10 085 085 085 085 085 085 085 08	000 00 000 00 000 10 000 10 000 20 000 30 000 50 000 50 000 75 000 15 001 20 001 20 001 20 002 50 002 50 002 50 002 50 003 00 004 00 005 00 006 00 006 00 006 00 007 00 008 00 008 05	03.35 04.13 04.13 04.23 04.23 04.38 04.42 04.42 04.36 04.36 04.23 04.23 04.15 04.04	33.46 33.46 33.46 33.46 33.46 33.46 34.18 34.18 34.18 34.59 34.59 34.50 34.80 34.90 34	20.76 20.26 20.26 20.26 20.26 20.26 21.37 21.49 21.52 21.52 21.56 21.59 21.59 21.59 21.51 21.64 21.66 21.66 21.66 21.67 21.71 21.11 21.12 21.72 21.74 21.74	00-303 00-013 00-053 00-079 00-111 00-125 00-163 00-167 00-210 00-255 00-309 00-345 00-433	1470.1 1470.1 1470.3 1470.3 1470.3 1470.4 1470.6 1470.0 1458.8 1459.5 1459.5 1459.5 1460.2 1460.1 1460.1 1470.1 1470.1 1470.1 1470.1 1471.7 1473.2 1477.1 1471.5 1470.5 1470.1 1470.5 1470.1						3(3)		
KEE1D 31 8200		1971	RO105 01008	4 I A	TEMP	nts F	IGT PER	WIND-DIR		INST	STO KEC	OR DER	T	EN 50 1306	2
CUNSEL 0013 LAT 48 20 N LUNG 045 50 H	UAY	H 11 10 04.2	SHIP DG DATA USE I AREA GS	BAPC WEI		SEA CL/TH		WIND-SPO WIND-FUK WEATHER		TRACE DURAT	EDIR	00.3	5	SQUARE 84 SQUARE 85	
LONG 045 50 H	UAY	0.1	SHIP DG OATA USE I	BAPC WEI	METR	SEA		#140~5P0 #140~FUK	PU 4	TRACE DURAT	E DIR Tion	00.3	5	SQUARE 85	
LONG 045 50 H	UAY HGUR LVLTYP STO UBS	10 04.2 DEPTH 00000 00000	SHIP UG OATA USE I AREA G5	WET BAPC CLUU SAL 33.64	METR D T/A Sloma-t 25.40 25.40	SEA CL/TH UYNDPTH 00.000	SND VEL 1470.4 1470.4	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HGUR  LVLTYP  5TO UBS 5TD UBS	10 04.2 DEPTH 00000 00000 00010 00010	SHIP UG OATA USE 1 AREA G5 TEMP U6.17 06.77 06.17	SAL 33.64 33.64 33.64 33.64	METR D 17A S10MA-1 20.40 20.40 20.40 20.40	SEA CL/TH UYNDPTH 00.000	SND VEL 1476.4 1476.5 1476.5	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HGUR  LVLTYP  STO UBS STO UBS STO UBS STO OBS	10 04.2 DEPTH 00000 00000 00010 00010 00020 00020	SHIP UG OATA USE 1 AREA G5 TEMP UG.17 06.77 06.77 06.77 UG.77	SAL  33.64  33.64  33.64  33.64  33.64  33.64	METR ) T/A S1pMA-T 20.40 20.40 20.40 20.40 20.40	SEA CL/TH UYNOPTH 00.000 00.016	SND VEL 1476-4 1476-5 1476-5 1476-7 1470-7	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HGUR  LVLTYP  STO UBS STO UBS STO UBS STO OBS STO OBS	10 04.2 DEPTH 00000 00000 00010 00010 00020 00020 00030	SHIP UC OATA USE I AREA USE I U6.17 06.17 06.17 06.17 06.17 06.17 06.16 06.16	SAL  33.64  33.64  33.64  33.64  33.64  33.64	METR 21/A \$10MA = 7 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40	SEA CL/TH UYNDPTH 00.000 00.016 00.033	SND VEL 1476-4 1476-5 1476-5 1470-7 1470-1 1470-8	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  LVLTYP  STO UBS STO UBS STO OBS STD OBS	10 04.2 DEPTH 00000 00000 00010 00010 00020 00020 00030 00030 00050	SHIP UG OATA USE   GS TEMP UG-11 OG-17 OG-17 OG-17 UG-17 UG-16 OG-16 OG-16 OG-16 OG-16	WET BAHC CLUU SAL 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64	METR ) 1/A  \$1:mA-7  20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70	SEA CL/TH UYNDPTH 00.000 00.016 00.033 00.049	SND VEL  1476-4 1476-5 1476-5 1476-7 1476-1 1476-8 1476-8 1472-9	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  LVLTYP  STO UBS STO UBS STO OBS STO OBS STO OBS	10 0+-2 DEPTH 00000 00000 00010 00010 00020 00020 00030 00030 00050 00075 00075	SHIP UG OATA USE 1 AREA G5 TEMP U6.11 06.77 06.77 06.77 06.71 06.71 06.76 06.76 06.76 06.76 06.76 06.76	SAL  33.04 33.04 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 34.43	METR ) 1/A  \$15MA = 7  25.40 25.40 25.40 26.40 26.40 26.40 26.40 26.70 26.70 27.35	SEA CL/TR UYNDPTH 00.000 00.316 00.033 00.049 00.074	SND VEL  1476-4 1476-5 1476-5 1470-7 1470-1 1470-8 1476-8 1472-9 1465-7 1465-7	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  EVELTYP  STD UBS STD UBS STD OBS STD OBS STD UBS STD	DEPTH 00000 00010 00010 00020 00020 00050 00050 00075 00075 00075 00100 00100	SHIP UG OATA USE 1 AREA US 1 05 TEMP UG.11 06.17 06.17 06.17 06.17 06.17 06.17 06.11 06.16 05.64 05.64 05.64 03.61 03.61 03.61	SAL  33.04 33.04 33.04 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.84 33.84 33.84 33.84 33.84	METR ) 1/A  \$15MA-7  25.40 25.40 25.40 25.40 26.40 26.40 26.70 26.70 27.39 27.37 27.57 27.57	SEA CL/TH UYNDPTH 00.000 00.016 00.033 00.049 00.079 00.105	SND VEL 1476.4 1476.4 1476.5 1476.7 1476.8 1476.8 1472.9 1472.9 1465.7 1465.2	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR EVETYP 5TO UBS 5TD UBS 5TD OBS 5TD 5TD OBS 5TD OBS 5TD OBS 5TD 5TD OB 5TD OB 5TD 5TD 5TD 5TD 5TD 5TD 5TD 5TD 5TD 5TD	10 09-2 DEPTH 00000 00010 00010 00010 00020 00030 00050 00075 00075 00075 00075 00075	SHIP UG OATA USE 1 AREA USE 1 OS TEMP UG.17 OG.17 OG.17 OG.17 UG.11 OG.16 OG.16 OG.16 OG.16 OG.16 OG.36 OG.16 OG.36 O	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.84 33.64 33.84 33.84 33.84 33.84 33.84	METR ) 1/A  \$15MA-T  20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 20.70 27.39 27.35 27.57 21.64	SEA CL/TH UYNDPTH 00-000 00-016 00-033 00-049 00-079 00-105 00-120	SND VEL 1476-4 1476-5 1476-7 1476-6 1476-7 1476-8 1476-1 1476-8 1476-9 1476-9 1476-9 1465-2 1465-2 1466-2	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	0 AY HOUR POPE POPE POPE POPE POPE POPE POPE POP	10 0*-2 DEPTH 00000 00000 00010 00010 00020 00030 00030 00075 00075 00075 00075 00075 00075 00075 00075 00075	SHIP UC OATA USE 1 AREA 05 1EMP U6.17 06.77 06.77 06.77 06.77 06.77 06.77 06.76 06.76 06.76 06.76 06.76 06.76 06.76 07.64 07.6	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.84 34.73 34.73 34.77	METR  21.40  20.40  20.40  20.40  20.40  20.40  20.40  20.40  20.40  20.70  20.70  21.39  27.35  21.57  21.64  21.65	SEA CL/TH UYNDPTH 00.000 00.016 00.033 00.049 00.079 00.105 00.120 00.133	SND VEL 1476.4 1476.4 1476.5 1476.7 1476.7 1476.4 1476.4 1476.9 1476.7 1465.7 1465.7 1465.7 1466.7	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  LVLTYP  510 UBS	10 0+.2 DEPTH 00000 00010 00010 00010 00020 00020 00030 00030 00050 00075 00075 00075 00105 00105 00125 00125 00125 00150 00150	SHIP UG OATA USE   G5 TEMP U6.17 U6.17 U6.17 U6.17 U6.17 U6.17 U6.17 U6.17 U6.16 U3.16 U3.54 U3.54 U3.56 U3.56 U3.59 U3.94 U3.94	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.74 33.84 34.82	METR ) 1/A  \$15MA-1  25.40 25.40 25.40 25.40 25.40 25.40 25.40 25.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.40 27.61	5EA CL/TH 09.000 00.016 00.033 00.049 00.079 00.105 00.120 00.133	SND VEL 1476.4 1476.5 1476.5 1476.7 1470.7 1470.4 1470.7 1470.7 1470.7 1460.7 1465.7 1465.7 1460.7 1460.7 1460.7	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  LYLTYP  510  UBS 510  UBS 510  OBS 510  OBS 510  UBS 510	10 04.2 DEPTH 00000 00010 00010 00020 00020 00020 00020 00050 00075 00075 00150 00150 00150 00150 00150 00150 00150 00150 00150 00150	SHIP UG OATA USE   G5 TEMP UG. 11 OG. 77 OG. 77 OG. 77 OG. 77 OG. 77 OG. 77 OG. 76 OG. 76	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.74 33.74 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73	METR ) 1/A  \$15MA-T  20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 21.35 27.57 21.61 21.65 21.61 27.61 27.65	5EA CL/TH 00.000 00.316 00.033 00.049 00.079 00.105 00.120 00.133 00.144	SND VEL 1476.4 1476.4 1476.5 1476.5 1476.7 1476.1 1476.8 1472.9 1465.1 1465.2 1465.2 1465.2 1465.1 1466.1 1466.1 1469.7 1469.7	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	0 av HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOUR	DEPTH 00000 00000 000100	SHIP UG OATA USE   G5 TEMP UG-11 OG-17 OG-17 OG-17 OG-17 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-16 OG-17 OG-16	SAL  33.64  33.64  33.64  33.64  33.64  33.64  33.64  33.64  33.64  33.74  34.73  34.73  34.73  34.73  34.73  34.73  34.73  34.73  34.73  34.73  34.73	METR ) 1/A  \$15MA-T  20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 20.70 21.39 27.35 27.57 21.61 27.65 27.67 27.65 27.67 27.65 27.67 27.67 27.67 27.67	5EA CL/TH 09.000 00.016 00.033 00.049 00.079 00.105 00.120 00.133	SND VEL 1476.4 1476.4 1476.5 1476.5 1476.7 1470.1 1470.8 1472.9 1460.7 1465.2 1466.7 1466.7 1466.9 1469.7 1469.1 1469.1 1470.8 1471.3	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  LYLTYP  510 UBS 510	DEPTH 00000 00000 00010 00010 00020 00020 00075 00075 00175 00170 00125	SHIP UG OATA USE 1 AREA	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.84 34.85 34.86 34.86 34.86 34.86	METR  21.40  20.40  20.40  20.40  20.40  20.40  20.40  20.40  20.40  20.70  20.70  20.70  21.39  27.35  27.57  21.67  21.67  21.67  21.67  21.67  21.67  21.67  21.67  21.67	5EA CL/TH 00.000 00.316 00.033 00.049 00.079 00.105 00.120 00.133 00.144	SND VEL  1476-4 1476-5 1476-7 1476-6 1476-7 1476-6 1476-9 1476-8 1476-9 1476-9 1476-9 1476-9 1476-9 1476-9 1476-9 1476-9 1476-9 1476-9 1476-9 1477-9	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  EVELTYP  510 UBS 510	DEPTH 00000 00000 00000 00000 00000 00000 0000	SHIP UG OATA USE 1 AREA 05 TEMP UG.17 OG.77 OG.77 OG.77 OG.77 OG.76 O	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.84 33.84 33.84 34.73 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79 34.79	METR  21.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 20.70 20.70 21.39 27.37 27.37 27.67 21.64 21.65 21.67 27.67 27.67 27.67 27.67 27.71 27.71 27.71 27.71	5EA CL/TH 09.000 00.016 00.033 00.049 00.079 00.105 00.120 00.133 00.144 00.167	SND VEL  1476-4 1476-5 1476-5 1476-7 1476-6 1476-7 1476-7 1476-7 1476-6 1476-9 1465-7 1465-7 1465-7 1466-7 1469-7 1476-6 1471-3 1471-3 1471-9	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	04Y HOUR PROPERTY HOURS STD UBS STD UB	10 04-2 DEPTH 00000 00010 00010 00020 00030 00030 00050 00050 00050 00075 00075 00075 00125 00125 00125 00125 00125 00125 00150 00200 00200 00300 00300 00300 00300 00300 00400 00400 00400 00400 005000 0050 00500 00500 00500 00500 00500 00500 00500 00500 00500 00500 0050	SHIP UG OATA USE   G5 TEMP U6.17 06.77 06.77 06.77 06.77 06.77 06.77 06.77 06.78 03.64 05.64 05.64 05.64 05.64 05.64 05.64 05.64 05.64 05.64 05.64 05.64 05.70 03.91 03.94 03.94 03.94 03.94 03.94 03.94 03.94 03.94 03.95 03.97	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.84 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73 34.73	METR D 1/A  S15MA-T  20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 20.70 21.39 27.35 27.57 21.57 21.64 27.65 27.65 27.67 27.67 27.67 27.71	5EA CL/TH 09.000 00.316 00.033 00.049 00.079 00.105 00.120 00.133 00.144 00.167 00.211	SND VEL  1476-4 1476-5 1476-5 1476-7 1476-7 1476-7 1476-7 1476-7 1476-7 1465-7 1465-7 1465-1 1466-7 1469-7 1476-9 1471-9 1471-9 1471-9 1471-9 1471-9	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  EVETYP  510 UBS 510	DEPTH 00000 00000 00000 00000 00000 00000 0000	SHIP UG OATA USE   G5 TEMP U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.77 U6.76 U3.01	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.44 33.462 34.62 34.62 34.73 34.73 34.73 34.73 34.73 34.77 34.82 34.35 34.62 34.36 34.73 34.77 34.82 34.36 34.36 34.36 34.36 34.36 34.36 34.37 34.37 34.37 34.37 34.37	METR  20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 20.70 21.39 27.35 27.35 27.07 27.05 27.05 27.07 27.07 27.07 27.07 27.71	5EA CL/TH 00.000 00.316 00.033 00.049 00.079 00.105 00.120 00.133 00.144 00.167 00.211	SND VEL 1476.4 1476.5 1476.5 1476.7 1476.7 1476.4 1476.7 1476.6 1476.7 1465.7 1465.7 1465.7 1466.1 1460.6 1464.6 1464.6 1470.6 1471.9 1471.9 1471.9 1471.9	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  LYLTYP  510 UBS 510	DEPTH 00000 00000 000100	SHIP UG OATA USE   GS TEMP UG-17 OG-17 OG-17 OG-17 OG-17 OG-16	SAL  33.64	METR  21/40  20,40  20,40  20,40  20,40  20,40  20,40  20,40  21,39  27,37  27,57  21,57  21,67  27,67  27,67  27,67  27,67  27,67  27,67  27,71	5EA CL/TH 09.000 00.016 00.033 00.049 00.079 00.105 00.120 00.133 00.144 00.167 00.211	SND VEL 1476.4 1476.4 1476.5 1476.5 1476.7 1470.1 1470.8 1472.9 1460.7 1466.6 1464.6 1469.7 1469.7 1469.7 1470.8 1471.3 1471.3 1471.9 1472.0 1474.0 1474.0	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  LVLTYP  5TD UBS UBS 5TD UBS UBS 5TD UBS	DEPTH 00000 00000 00000 00000 00000 00000 0000	SHIP UG OATA USE 1 AREA 05 TEMP U6.17 06.77 06.77 06.77 06.77 06.77 06.77 06.77 06.76 03.16 03.61 03.61 03.54 03.56 03.56 03.90 03.90 03.94 03.95 03.94 0	SAL  33.64 33.64 33.64 33.64 33.64 33.84 33.84 33.84 33.84 34.73 34.79 34.79 34.79 34.79 34.77 34.87 34.87 34.87 34.87 34.87 34.87 34.87 34.87	METR  21.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 20.70 20.70 21.39 27.39 27.39 27.39 27.39 27.39 27.67 21.65 21.65 21.67 21.67 21.67 21.67 21.67 21.67 21.67 21.71	5EA CL/TH 00.000 00.016 00.033 00.049 00.079 00.105 00.120 00.133 00.144 00.167 00.211	SND VEL  1476-4 1476-5 1476-5 1476-7 1476-7 1476-7 1476-7 1476-7 1476-7 1465-7 1465-7 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1465-1 1476-1	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	
LAT 48 20 N LUNG 045 50 W	UAY HOUR  EVELTYP  \$10 UBS \$10	DEPTH 00000 00000 00000 00000 00000 00000 0000	SHIP UG OATA USE   GD TEMP UG.17 OG.17 OG.17 OG.17 OG.17 OG.17 OG.17 OG.17 OG.16 OG.16 OG.16 OG.16 OG.16 OG.16 OG.16 OG.16 OG.16 OG.16 OG.16 OG.17 OG.17 OG.17 OG.17 OG.17 OG.17 OG.17 OG.18 OG.18 OG.18 OG.18 OG.18 OG.19	SAL  33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 33.64 34.73	METR  20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.40 20.70 20.70 20.70 21.39 27.37 27.37 27.37 27.64 27.64 27.65 27.67 27.67 27.70 27.70 27.70 27.70 27.70 27.70 27.70 27.70 27.71	SEA CL/TH 09.000 00.016 00.033 00.049 00.079 00.105 00.120 00.133 00.144 00.167 00.211 00.254 00.254 00.254	SND VEL 1476.4 1476.5 1476.5 1476.7 1476.7 1476.8 1472.9 1465.2 1465.2 1465.2 1465.2 1465.2 1465.2 1465.1 1460.6 1464.6 1472.9	WIND-SPO WIND-FIJK WEATHER		TRACE DURAT DRIG	E DIR Tion Az osi	00.3	5 2 1	SQUARE 85	

Table VI. Observed and Interpolated Occanographic Data from Stations Occupied by USCGC DALLAS, 9-40 November 1974, Prepared from NODC Listing No. 31 8280.—Continued

REFID 31 828 CUNSEC 001 LAT 48 35 LONG 045 50	4 MUNT N DAY	1971 H 11 10 07.0	BOTOP 02377 SHIP DG OATA USE 1 AKEA 05	HET BAR	TEMP LJ.1 BULB 10.3 DMETH 1007.0 JO 1/4	OIR H I7 SEA CL/TR	UT PER 3 4	#INO-ULR #IND-SP; #INO-F <sup>-</sup> R #EATHER	25	TR AL E (JUPA T		00.2	
CASTNUM/TIME	LVLTYP	UEPTH	TEMP	SAL	SIUMA-T	н <b>т</b> чи <b>рт</b> н	SND VILL	UKYG	P 14	TOT P	NO2	V03	Stu3 PH
	STO	00000	06.65	13.63	25.41	00.100	1475.4						
07.0	U85	00000	06.65	33.63	20.41		1475.9						
	510	00010	06.65	33.64	20.42	00.015	1476.3						
	JBS	00010	(6.65	33.64	26.42		1476.0						
	510	00020	06.62	33.65	20.43	00.332	1476.1						
	085	00020	06.62	33.65	20.43		1476.1						
	510	000 30	66.57	13.00	20.44	00.041	1476.1						
	U8 S	00030	06.57	31.66	20.44		1476.1						
	SID	00050	J6.4H	33.11	25.54	00.383	1476.2						
	0.9.2	00050	06.48	33.77	20.54		1476.2						
	STD	00075	04.87	34.04	26.95	00.112							
	085	00075	J4. B7	34.04	20.45		1470-4						
	510	001 მა	04.29	34.12	27.08	00.134	1468.5						
	085	00103	04.24	34.12	27.08		1468.0						
	510	00125	04.42	34.27	21.13	00.164							
	U85	00125	04.92	34.27	27.13		1471-3						
	510	00150	03.46	34.36	27.35	00.185	1466.2						
	192	00150	03.40	34.36	21.35		1466.2						
	192	00175	03.59	34.39	27.38		1466.3						
	315	00200	03.38	34.47	27.45	00.220	1466.3						
	792	00200	03.39	34.47	27.45		1466.8						
	\$10	00250	03.34	34.50	21.52	00.251	1467.6						
	085	00250	03.34	34.50	27.52		1-67.0						
	510	00300	03.36	34.65	27.59	00.279	1468.0						
	085	00300	03.36	34.65	21.59		1400.6						
	085	00350	03.34	34.70	27.63		1-69.6						
	510	00400	03.45	34.15	27.00	00.324	1470.5						
	085	00400	03.45	34.75	27.66		1470.8						
	U8 \$	00450	03.52	34.80	27.70		1472.0						
	STO	00500	03.64	34 - 84	27.72	00.374	1473.4						
	092	00500	03.0+	34.84	27.72		1473.4						
	STO	00600	03.93	34.89	27.73	00.417	1476.3						
	292	00600	03.93	34.69	27.73	22	1476.3						
	STO	00700	03.85	34.42	21.76	00.460	1477.7						
	085	00700	03.85	14.92	27.76	20 500	1477.7						
	STD	00800	03.71	34.93	27.78	00.500	1478.8						
	U8 \$	00800	03.71	34.43	27.78	03.573	1478.8						
	STD	00400	03.55	34.93	27.80	00.540							
	085	00900	03.55	34.93	27.80	20 . 1	1479.8						
	510	01000	03.44	34.73	27.81	00.578							
	1185	01000	03.4+	34.93	27.01	00.44	1481.3						
	\$10	01100	03.34	34.94	27.02	00.616							
	08.5	01100	03.38	34.94	27.82		1432.4						

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Table VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20–22 March 1972, Prepared from NODC Listing No. 31–2030.

		DATA USE 1 AREA 05	CLOUD T/A X/9	20 3 2 SEA CL/TR	WEND-FOR WEATHER C+	TRACE DIR DURATION URIG A2 052	5 SQUARE 4 2 SQUARE 66 1 SQUARE 66
CASTYUM/TIME L	VLTYP OEPTH	TEMP	SAL SIJMA-T	OYNUPTH SNO VEL	UXYG PJ4	TOT P NOZ NO3	S103 PH
23.7 (	\$1D 00000 385 00001 \$1D 00010 \$1D 00020 085 00049 \$1D 00050 085 00074 \$1D 00075 085 00076 \$1D 00075 085 00076	- 1.4d - 1.50 - 1.54 - 1.57 - 1.63 - 1.70 - 1.75 - 1.75 - 1.75 - 1.71 - 1.60	32.91	C0.000 1439.5 1439.5 O3.015 1439.6 D3.031 1439.6 1439.6 00.046 1439.4 1439.1 00.075 1439.1 1439.6 00.111 1439.6 00.111 1439.6 D3.147 1440.5 1442.2			
			•••••	*******			
MEFFU 31 2030 CUNSEC DUUZ LAT 47 00 N LUNG 047 43 H	YEAP 1972 MONTH US UAY 21 HOUN 03.4	HOTOP UU175 SHIP 1H DATA USE 1 AREA 05	AlF TEMP 00.5 HET BULH 00.0 BAKONETR 1010.5 CLOUD T/A X/5	UIP HUT PER 21 3 2 SEA CL/T*	#16.)-UTK 22 #14U-SPO 12 #14U-F(R #64THEK X4	INST WARSEN CAST T-ACE DIR DURATITIN UNIG AZ USZ	TEN SU 1306 5 SUMARE 4 2 SUMARE 66 1 SUMARE 77
CASTNUM/TIME L	VLIYP DEPTH	TEMP	SAL SIGMA-T	DYNUPTH SND VEL	JXYG P34	TOT P NOZ NO3	SEJ3 PH
05.4	STD 00000 UBS 00000 STD 00010 STD 00025 STD 00025 STD 000350 UBS 00045 STD 000350 UBS 00075 STD 00075 GBS 00045 STD 00125 CBS 00149	- 1.59 - 1.65 - 1.73 - 1.75 - 1.75 - 1.73 - 1.73 - 1.72 - 1.72 - 1.69 - 1.69 - 1.56	32.46 26.46 32.46 26.54 33.03 26.50 20.62 33.07 20.63 33.087 26.65 33.087 26.65 33.087 26.65 33.087 26.65 33.115 26.67 33.12 20.67 33.27 20.79 33.55 27.00	00.000 1437.1 1439.1 00.015 1438.7 00.030 1438.8 00.044 1439.0 00.073 1439.4 1439.4 1439.3 00.108 1439.9 1440.4 00.142 1440.5 00.175 1441.7 1443.4			
PEFID 31 2030 CD4SEC 0003 LAT 47 00 N CD6 747 20 m	YEAR 1+72 MINTH 03 CAY 21 HUUR 35+0	BUTOP 00220 SHIP 1H DATA USE 1 AREA US	AIR TEMP 03.3 NET 40L3 00.0 9ARG4ETF 1010.4 CL303 1/1 A/9	OIR FIT PER 21 3 2 SEA CL/TR	mINO-DIR 25 mIND-S2D J7 mIND-F Q mEAIMER X4	TIST MANSEN CAST THACE OIR DURATION UNIO AZ 052	TEM SQ 1306 5 SUIARE 4 2 SUIARE 66 1 SUIARE 77
CASTNUMZTIME LA	VETYP DEPTH	TEMP	SAL SIJMA-T	UYNUPTH SNC VEL	JXYG PJ4	TUT P NO2 NO3	5113 P4
05.0 05.0 05.0	STO   OUP	- 1.03 - 1.72 - 1.71 - 1.78 - 1.71 - 1.75 - 1.71 - 1.52 - 1.51 - 1.49 - 1.48 - 1.46 - 1.46	32.37	00.100 1438.7 1438.5 00.015 1438.6 1438.6 01.040 1438.6 01.040 1438.8 01.040 1438.8 00.073 1437.2 1440.9 00.171 1441.0 00.171 1441.6 00.171 1442.2 1442.6 00.201 1443.3 1446.8			

Table VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030,—Continued

REFIU 31 2030 CUNSEC 0004 LAT 47 00 N LUNG 347 14.5H	MONT	1972 H 03 21 109+3	SHIP LH UATA USE 1 AREA US	#ET   BARD		22 564		m1ND-DEM m1 ND-SPE m1ND-F JR mEATHER	01	THALE		TEN SW 1306 5 SWUARE 4 2 SQUARE 66 1 SWUARE 77
CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	1-4Mc 1	DYNOPIH	SNO VEL	DXY G	P 34	tor P	NO2 NO3	s 5113 Рн
	SID	00000	- 1.60	32.35	25.45	00.000	1438.8					
09.3	085	00000	- 1.60	32.355	20.45		1438.9					
	510	00010	- 1.64	12.10	20.49	00.016	1438.7					
	510	00020	- 1.66	32.97	26.55	07.031	1439.1					
09.3	085	00021		32.981								
	510	00030	- 1.68	33.10	26.65	00.045	1439.3					
09.3	085	00042	- 1.68	33.197	20.13		1439.6					
	510	00050	- 1.66	33.21	26.74	00.072	1434.9					
09.3	UBS	00063	- 1.65	33.227	20.16		1440.2					
	510	30375	- 1.69	33.25	25.71	00.10>	1440.2					
69.3	085	00385	- 1.73	33.282	24.30		1440.2					
	510	00100	- 0.93	33.41	26.89	JU-135	1444.5					
	STO	00125	- 0.03	31.59	26.99	00.163	1449.3					
09.3	UBS	00127	00.02	33.600	27.00		1449.5					
	STO	00150	00.07	33.71	27.0B	00.189	1450.3					
09.3	085	100174	00.13	33.776	27.13		1451.1					

REFID 31 2030 CUNSEC 0005 LAT 47 00 N HUTOP 01097 SHIP IH OATA OSE I A1% TEMP -00.3 WET SULS -00.3 BANUMETR 1009.9 YEAR 1972 WIND-DIR 04 INST NANSEN CAST #1ND-5P0 0+ MUNTH 03 SAY 21 19 2 SEA TRACE DIR 5 SQUARE 4 DURATION 2 SOUARE 66 1 SQUARE 77 LAT 47 00 N HILUF 15.4 CLITK ARFA 0.5 CLCUD 1/4 MEATHER XD DRIG 42 052 CASTNUMITIME EVETYP DEPTH TEMP SAL 51644-T DYNOPTH SNO VEL JXYG TUT P N03 \$103 -1:32 32.92 32.924 33.10 STD 00000 - 1.43 20.51 00.000 1439.7 085 \$10 00000 - 1.43 20.51 1439.7 00.015 00410 20.65 510 00020 33.23 26.76 00.023 385 \$10 15.4 00324 33.205 33.28 26.80 00.041 1439.7 - 1.67 - 1.67 - 1.60 - 1.57 15-4 33.330 25.84 DBS 00046 1434.4 STO 00050 1440.0 15.4 685 00069 33.432 20.92 1440.8 510 00075 33.44 00.095 1441.0 00092 - 1.39 - 1.17 33.444 25.97 15.4 1442.3 510 510 00125 - 0.41 33.75 33.826 27.14 00.147 1447-4 - 0.17 15.4 085 00136 1449.1 510 30150 00.25 33.74 21.26 00.163 1451.4 1450.4 15.4 055 00184 21.39 01.16 21.42 21.49 21.51 STD 10200 00.206 STÓ 00250 02.41 34.41 00.238 1461.4 00269 02.71 34.57 21.55 00.268 510 00300 03.15 1467.6 03.67 15.4 100349 STO 00400 03.93 34.74 27.64 00.321 1472.3 27.66 30432 34.021 15.4 UAS 04.03 00500 100507 34.35 27.08 STO C4.C3 00.369 1475.2 1475.4 15.4 JBS 04.03 04.37 27.70 1476.9 510 00000 34.87 15.4 1185 100645 34.571

Table VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20-22 March 1972, Prepared from NODC Listing No. 31-2030.—Continued

Ref10 31 2030 CUNSEC 0006 LAT 46 58+5N LUNG 046 44 H	HUNT	1972 H 03 21 19.7	BOTUP 00915 SHIP 1H OATA USE 1 AREA US			1 8 S £ 4		#INO-DIR #INO-SPD #IND-FOR #EATHER	51	TRACE DURAT			5	N SQ 1 SQUARE SQUARE SQUARE	66
[(:NO 040 14 H	11001	• • • •		0100								_			
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	S Luma-T	DYNOPTH	S'NU VEL	Эхүб	P34	TOT P	SCN	ND3	\$103	РН	
	510	00003	- 0.64	33.44	26.90	CO. 300	1444.2								
19.7	UBS	00000	- 0.64	33.439	20.40		1444.2								
• • • • • • • • • • • • • • • • • • • •	510	00313	- 0.60	33.50	20.45	03.011	1444.6								
	510	00020	- 0.50	33.56	20.99	03.022	1445.0								
19.7	085	00058	د 0.5 -	33.606	27.03		1445.4								
•	STD	00030	- 0.51	33.62	21.04	00.033	1445.5								
	510	00050	- 0.19	33.72	27.11	03.053	1447.5								
1+.7	085	00051	- 0.17	33.726	27.11		1447.6								
• • • •	STU	00075	00.43	33.80	27.13	00.077	1450.8								
19.7	085	U0078	00.53	33.312	27.14		1451.3								
• • • •	STU	00100	01.4)	33.96	21.20	00.199	1455.8								
19.7	08.5	00101	01.43	33. 701	27.20		1455.0								
•	510	00125	01.60	34.06	21.21	00.121	1457.3								
	510	00150	01.47	34.18	21.34	00.140	1459.5								
19.7	Las	00150	01.57	34.184	27.34		1459.5								
19.7	065	T00199	03.28	34.481	27.47		1466.4								
	510	00200	C3.30	34.49	21.47	00.175	1466.5								
	510	00250	03.93	34.08	27.50	00.20>	1470.3								
19.7	085	00244	34.29	34.505	27.62		1472.7								
• • • •	STD	00300	04.31	34.01	21.03	00.231	1-72.9								
19.7	085	100387	G4.44	34. 404	21.58		1474.9								
	STD	00400	C4.34	34.40	27.69	03.279	1474.9								
19.7	CBS	00479	04-18	34.902	27.71		1475.4								
• * * *	510	00560	04.15	34.91	21.12	00.324	1475.7								
19.7	085	00571	04.18	34.422	21.73		1476.9								
. , . ,	510	00600	04.17	34.72	21.73	00.360	1477.4								
	510	00730	04.09	34.41	27.73		1478.7								
19.7	092	100740	04.01	34.912	21.73		1479.1								
• , • ,															
							•								

REFID 31 2030 CUNSEC 0007 LAT 47 00 N LONG 046 31 W	MONT) Day	1972 • 03 21 22.9	BOTOP 00603 SHIP 1H DATA USE 1 AREA US	WET :	TEMP -01.0 BULB -01.2 METR 1010.0 D T/A 5/8		GT PER 3 3	WIND-DIR WIND→SPO WIND-FUR WEATHER	15	TRACE DURAT		TEN SO 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 76
CASTNUM/TIME	LVLTYP	OEPIH	TEMP	SAL	SIGMA-T	DYNUPTH	SNO VEL	UXYG	P)4	TOT P	ND2 NO3	5103 PH
	STO	00000	~ 0.27	33.61	27.02	00.000	1446-1					
22.9	085	00000	- 0.27	33.610	27.02		1446.1					
22.07	STD	00010	- 0.27	33.61	21.32	00.010	1446.3					
	510	30020	- 0.26	33.62	27.03	00.021	1446.5					
22.9	UB S	00024	- 0.25	33.029	21.03		1446.6					
	STD	00030	- 0.24	33.05	27.05	00.031	1446.8					
22.9	DB \$	00043	- 0.20	33.679	27.07		1447.3					
-	510	00050	- 0.16	33.68	27.07	03.051	1447.6					
22.9	085	00066	- 0.03	33.714	27.09	*****	1448.5					
2207	510	00075	00.05	33.75	27.12	00.176	1449.2					
22.9	ายร	00085	00.16	33.793	27.15	****	1449.0					
	510	00100	00.14	33.83	27.18	00.099	1450.0					
	510	00125	00.10	33. 13	27.26	00.120	1450.3					
22.9	085	00127	00.10	33.945	21.27		1450.4					
	STD	00150	00.67	34.10	27.36	00.140	1453.6					
22.9	085	100169	01.19	34.221	27.43		1456.4					
2207	\$1D	00200	02.57	34.44	27.50	00.173	1463.3					
	STO	00250	C4.10	34.10	27.50	00.202	1471 .0					
22.9	085	00257	04.24	34.730	21.57	00.101	1471.7					
	Sto	00300	04.47	34.84	27.63	00.221	1473.5					
22.9	uB S	00347	04.56	34.912	27.68		1474.8					
	510	00400	04.46	34.91	27.69	00.277	1475.3					
22.9	DBS	100442	04.24	34.908	27.71		1+75.0					
							•					

HEF10 11 2030 CINSEC 0008 LAT 47 US N ELN, 040 II H	TAUP YAL	1972 	8010P 00310 SHIP IH 04TA USC 1 ArtA (5			UTP H 21 SEA GE/TR		#1+0-01R #1>D+5P0 #140-F5F #EATHER	21	TPACE DUNAT			FEN SQ 5 SQUA 5 SQUA 1 SQUA	KE 4 RE 66
CASTNUM/TIME	LVETYP	ÜLPIH	TEMP	541	\$15 <b>%</b> 44=1	DYNOPIH	SNU VEL	) X Y G	P.14	TOT P	N.02	403	S E C 1 2	
00.9 00.9 00.9 00.9 00.7	STC	00000 00010 00010 00010 00010 00010 00010 00010 00010 0010 00110 00110 00110 00110 00110 00120 0	03.95 03.95 03.95 03.90 03.90 03.50 03.27 03.12 02.55 02.76 02.30 02.30 04.31	541 34-11 34-11 34-11 34-13 34-13 34-13 34-11 34-10 34-10 34-05 34-05 34-05 34-17 34-30 34-40 34-60 34-60	27.11 27.11 27.11 27.11 27.12 27.12 27.17 27.18 27.17 27.20 27.24 27.24 27.24 27.24 27.24 27.27 27.24	60.003 00.013 60.017 00.029 03.047	1465.5 1465.5 1465.6 1465.0 1466.0 1466.3 1462.4 1462.4 1462.4 1460.3 1409.9 1409.9 1409.8 1472.0 1472.9	)xyG	P.14	TOT P	<b>4.3</b> 2	NO3	S133 PH	
HEFIO 31 2030 CONSEC 0009 LAT 47 00 N FUND U45 50 H	MONT UAY	1972 H 03 22 32•€	BOTOP 00310 SHIP 1H UATA JSE 1 AREA JS				GT PER 3 3	MIND-DIR MIND-SPU MIND-FOR MEATHER	25	TH ACE			TEN SQ 5 SQUA 2 SQUA 1 SQUA	RE 64
CASTNUM/TEME	LVLTYP	OEPTH	TEMP	SAL	\$ 1 6 M 4 - F	DYNOPTH	SND VEL	3XY G	P ] 4	TOT P	432	NUS	\$103 PH	
02.8 02.8 02.8 02.8 02.8	\$10 JAS \$10 S10 S10 S10 S10 JAS \$10 JAS JAS JAS JAS JAS JAS JAS JAS	03030 00030 00012 00023 00050 00050 00050 00050 00050 00150	03.04 03.03 02.74 02.17 02.39 02.09 02.67 03.49 03.78 04.95 05.03 05.03	33.99 33.990 34.01 34.020 34.01 34.02 34.05 34.05 34.05 34.07 34.07 34.07 34.07 34.07 34.07 34.07 34.07 34.07 34.07 34.07 34.07	27.12 27.17 27.18 27.19 27.19 27.19 27.21 27.28 27.36 27.36 27.56 27.57	••••••	1401.7 1461.9 1461.3 1460.9 1459.9 1454.3 1452.1 1460.3 1473.4 1474.4 1474.3							
REFIU 31 2030 CUASEC 0310 LAT 47 25 N LONG 045 50 H	40MT 844	1972 H 03 22 05+3	BOTUP 00310 SHIP IH DATA USE I AREA 05			JIP F JZ SEA CL/TR	GT PER	mI≒D-ÖİR minD-SPO minD+FUR meather	24	TRACE			TEN SQ 5 SUJAI 2 SUUAI 1 SUUA	RE 4
CASINUM/TIME	EVETYP	DEPIH	TEMP	SAL	SISMA-T	рҰқаРТн	SND VEL	<b>UXY</b> Ĝ	P 14	TOT P	HD2	£64	Slub PH	
05.3 05.3 05.3 05.3 05.3	STD UBS	000 00 600 00 300 10 000 20 000 26 000 30 000 75 000 75 000 75 000 75 000 75 000 10 001 10 001 10 001 20 002 50 002 50	03.74 03.74 03.75 03.75 03.79 03.93 03.93 03.94 04.87 04.10 04.87 04.10 03.85 03.85	34.08 34.07 34.09 34.09 34.09 34.11 34.169 34.17 34.182 34.22 34.22 34.23 34.23 34.24 34.27 34.27 34.27 34.27 34.27 34.27 34.27	27.10 27.11 27.11 27.11 27.11 27.12 27.15 27.16 27.16 27.16 27.17 27	00.32,	1464.5 1464.7 1465.3 1465.3 1466.3 1466.2 1466.3 1466.7 1470.5 1472.3 1471.6 1463.6 1463.6 1472.4 1473.5							
					••••	• • • • • • • •	•							

FEFTO 31 2030 CONSEC 0011 LAT 47 41.7N LONG 345 50 H	96N 0 A Y	< 1972 7∃ 03 22 - 09.+	BUTGP 03384 SHIP IH OATA USE I AKEA 05			SEA	of PFK 3 3	MINO-DIR MIND-SPD MINO-FUR WEATHER	21	TRACE OURA 1		CAST	5 2	N SO 130 SOUARE SQUARE 6 SQUARE 7	4
CASTHUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIJMA-T	0 Y110PTH	SNO VEL	UXYG	P )4	TCT P	NO2	NO3	5133	PH	
	STU	رەدەن	02.56	33.83	27.01	00.000	1459.1								
31.4	UBS	306.30	02.56	33.026	27.01		1459.1								
	510	00310	U2.69	33.91	21.06	00.010	1460.0								
	STD	00020	02.8+	33.98	27.10	00.020	1460-7								
09.4	192	J0029	02.5R	34.024	27.13		1461.7								
	510	00030	03.0)	34.33	27.13	00.030	1461.8								
	5 T D	00050	03.37	34.09	27.15	00.049	1463.B								
09.4	385	00054	03.42	14.096	27.15		1464.1								
	510	00375	31.46	34.10	27.15	00.072	1464.6								
09.4	085	00383	03.44	34.103	27.15		1464.8								
	STD	00100	02.54	34.13	27.26	00.094	1461.1								
09.4	U85	00104	02.3+	34.169	27.30		1460.4								
	5.00	00125	03.50	34.40	27.37	00.113	1466.3								
	STO	00150	G4.78	34.64	27.44	03.131	1472.1								
09.4	fiés	00162	05-12	34.722	27.46		1473.8								
	STO	00233	04.77	34.74	27.52	00.162	1473.0								
09.4	085	100210	04.67	34.750	27.54		1472.9								
	STU	00250	04.67	34.78	27.56	00.191	1473.5								
	510	00300	64.68	34.84	27.61	00.21+	1474.4								
09.4	1d S	106325	04.63	34.885	27.64		1474.9								

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5月10 31 2030 C(赤55c - 0012 LAT 43 03 N LUNO 045 50 H	MENT	1972 H 03 22 12•8	HOTOP 60704 SHIP IH DATA USE I AREA 05			15 SEA		WIND-OIR WIND-SPO WIND-FOR WEATHER	17	TRACE UURAT		AST	5 2	N SQ 1 SQUARE SQUARE SQUARE	84
CASTNUM/TIME	LVLTYP	OEPIH	TEMP	SAL	SIGMA-T	UYNOPTH	SNU VEL	UXYG	P)4	101 P	NO2	NU3	\$103	РН	
	510	00000	- 0.42	33.08	21.08	00.000	1445.5								
12.0	085	J00 J0	- 0.42	33.082	21.08		1445.5								
	510	00010	- 0.25	33.81	27.18	00.009	1446.7								
	510	00020	- 0.07	33.91	27.25	00.019	1447.8								
12.5	385	00327	00.05	33.973	27.30		1448.5								
	510	00033	00.11	33.49	27.31	00.026	1448.9								
	510	00050	00.45	34.09	27.37	00.341	1450.9								
12.8	0.62	00050	UU.45	34.086	27.57		1450.9								
	510	00075	00.64	34.15	27.41	00.059	1452-3								
12.8	08.5	J0077	00.09	34.159	27.41		1452.5								
12.8	CBS	00094	01.59	34.278	27.45		1457.1								
	510	00100	01.65	34.27	27.45	00.075	1457.4								
	510	00125	02.93	34.48	27.50	00.091	1463.5								
12.5	085	00149	33.75	34.637	21.54		1467.8								
	510	00150	03.77	34.64	27.55	00.105	1467.9								
12.8	085	00199	04.39	34.635	27.63		1471.5								
	510	00200	34.39	34.04	27.64	00.131	1471.5								
	510	00250	04.41	34.04	27.66	00.155	1471.7								
	510	00300	04.15	34.00	27.68	00.178	1472.2								
12.8	Ob S	30300	04.15	34.857	27.68		1472.2								
	STU	00400	04.35	34.90	27.69	00.224	1474.8								
12.8	UBS	Tu0403	04.35	34. +0 5	27.69		1474.8								
• • • • •	STO	00500	04.22	34.91	27.71	00.268									
12.8	JB S	00507	04.21	34.913	27.72	,	1476.0								
• • • • •	510	00600	04.12	34.92	27.73	00.312									
12.8	08.5	100603	04.17	34.918	21.73		1477.2								
	_			-											

Table VII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 20–22 March 1972, Prepared from NODC Listing No. 31–2030. Continued

REF10 31 2030 CONSEC 0013 LAT 48 20.8N	MONT	1 1972 TH 03 22	BOTOP 00950 SHIP IH DATA USE 1	WET 6		U1R ► 17 SEA	GT PER	WIND-OIR WIND-SPO WIND-FUR		LNST TRACE OURAT		TEN SQ L: 5 SQUARE 2 SQUARE	4
LONG 045 50 H		15.4	AREA US			CL/IR		HEATHER	X/3		42 052	1 SQUARE	
CASTNOM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	JXYG	P34	TOT P	Nu2 NU3	SLJ3 PH	
	STO	00000	- 0.75	33.72	27.13	00.000	1444.0						
15.4	085	00000	- 0.75	31.717	27.13		1444.0						
	STO	00010	- 0.75	33.72	27.13	00.009	1444 - 2						
	510	00020	- 0.76	33.72	27.13	00.019	1444.4						
15.4	065	00026	- 0.76	31.727	27.13		1444.4						
	STO	00030	- 0.75	33.75	27.15	00.328	1444.0						
15.4	08.5	00048	- 0.73	\$3.847	27.23		1 4 45 . 1						
	STO	00050	- 0.65	33.86	27.24	00.046	1445.5						
15.4	08.5	0 00 74	00.29	34+053	27.35		1450.5						
	510	00075	00.33	34.06	27.35	00.065	1453.7						
15.4	085	00096	01.11	34.238	27.45		1454.8						
	510	00100	01.21	34.26	27.46	00.083	1455.4						
	\$10	00125	01.82	34.37	21.50	00.098	1458.7						
15.4	085	00144	02.28	34.458	27.54		1461.1						
	STO	00150	02.46	34.49	27.55	00.112	1462.0						
15.4	085	100193	03.46	34.080	21.61		1407.3						
	510	00200	03.53	34.70	27.62	00.139	1467.7						
	510	002 50	03.91	3+.80	27.66	00.163	1470.3						
15.4	085	00290	04.09	34.650	27.68		1471.8						
	SID	00300	04.09	34.85	27.68	03.186	1472.0						
15.4	085	100389	04.08	34.674	27.10		1473.4						
	510	00400	04.08	34.88	27.70	00.231	1473.6						
15.4	28 C	00488	04.08	34.683	27.71		1475-1						
	\$10	00500	04.07	34-88	27.71	00.275	1475.3						
15.4	08.5	100588	04.04	34.983	27.71		1470.0						
	STD	00600	04.04	34.88	27.71	00.320	1476.8						
	STO	00700	04.01	34.90	21.13	00.365	1478.3						
15.4	085	00794	04.00	34.907	27.73		1479.9						
	510	00800	04.03	34.91	27.73	00.410	1480.0						
15.4	ายร	80800	04.00	34.908	27.73		1480.1						

CASTNUM/TIME LVLTYP DEPTH TEMP SAL SILMA-T DYNOPTH SNO VEL OXYG P34 TUT P NU2 NU3  18.9 085 00000 - 0.48 33.730 27.13 00.000 1447.6 STO 00010 - 0.03 33.74 27.11 00.010 1447.6 STO 00020 00.35 35.75 27.10 00.010 1447.6 STO 00030 00.60 33.77 27.11 1450.4 STO 00030 00.60 33.77 27.11 1450.4 STO 00050 00.78 33.86 27.16 00.049 1452.5 STO 00050 00.78 33.86 27.16 00.049 1452.1 STO 00050 00.75 00.32 54.15 27.43 00.067 1450.8 STO 00100 01.56 34.28 27.45 00.067 1450.8 STO 00100 01.56 34.28 27.45 00.099 1459.6 STO 00100 01.56 34.28 27.59 00.099 1599.6 STO 00150 02.03 34.99 27.50 00.099 1599.6 STO 00150 02.50 34.69 27.59 1466.3 STO 00230 03.50 34.65 27.60 00.114 1467.0 STO 00250 03.90 34.65 27.60 00.114 1467.0	2 SQUARE 8:
18.9 085 00000 - 0.48 33.730 27.13	Sto3 PH
STO   00010   -0.03   33.74   27.11   00.110   1447.6     STO   00020   00.33   33.75   27.10   00.119   1449.4     18.9   085   00027   00.52   33.77   27.10   00.129   1450.4     STO   30030   00.60   33.77   27.10   00.29   1450.4     18.9   385   00049   00.69   33.86   27.16   00.349   1452.3     STO   00050   (0.78   33.86   27.16   00.349   1452.3     STO   00050   00.32   34.16   27.43   00.067   1450.8     18.9   085   00075   00.32   34.15   27.43   00.067   1450.8     18.9   085   00070   01.50   34.28   27.45   00.384   1457.0     STO   00125   02.03   34.39   27.50   00.097   1459.6     STO   00150   02.50   34.49   27.59   00.097   1466.3     STO   00250   03.35   34.65   27.60   00.114   1467.0     STO   00250   03.35   34.45   27.60   00.114   1467.0     STO   00250   03.35   34.45   27.60   00.114   1467.0     STO   00250   03.35   34.45   27.60   00.114   1467.0	
STO   OO120   OO.34   33.75   27.10   OO.019   1449.4     18.9   08.5   OCU27   OO.52   33.77   27.11   OU.027   1450.4     18.9   38.5   OOU47   OO.64   33.844   27.15   1452.3     STO   OO050   OO.64   33.846   27.15   OU.049   1452.1     STO   OO075   OO.32   34.16   27.43   OU.067   1450.8     18.9   08.5   OO075   OO.32   34.16   27.43   OU.067   1450.8     18.9   08.5   OO075   OO.32   34.15   27.43   OU.067   1450.8     18.9   08.5   OO075   OO.32   34.15   27.43   OU.067   1450.8     STO   OU100   OI.56   34.28   27.45   OU.097   1450.6     STO   OU105   OC.50   34.39   27.55   OU.097   1450.6     STO   OO.116   OC.50   34.49   27.59   OO.114   1467.0     STO   OO.100   OI.33   OO.141   OO.116   1470.3     STO   OO.250   OJ.35   34.65   27.60   OO.141   1467.0     STO   OO.250   OJ.35   34.45   27.46   OO.116   1470.3     STO   OO.250   OJ.35   34.45   27.46   OO.116   1470.3     STO   OO.250   OJ.35   34.45   27.60   OO.141   1467.0     STO   OO.250   OJ.35   34.45   27.60   OO.141   1467.0     STO   OO.250   OJ.35   34.45   27.46   OO.116   1470.3	
18.9 78S 00027 00.52 33.76 27.11 1450.4  510 00030 00.60 33.77 27.10 00.027 1450.4  18.9 38S 00049 00.64 33.84 27.15 1452.3  510 00050 00.78 33.86 27.16 00.344 1452.1  510 00075 00.32 34.16 27.43 00.067 1450.8  18.9 08S 00075 00.32 34.16 27.43 00.067 1450.8  18.9 08S 00075 00.32 34.159 27.43 1450.8  510 00100 01.50 34.28 27.45 00.094 1457.0  510 00125 02.03 34.39 27.50 00.097 159.6  18.9 38S 00145 02.40  510 0020 02.50 34.49 27.54 00.114 1467.0  510 00230 03.35 34.65 27.60 00.141 1467.0  510 00250 03.40 34.65 27.60 00.141 1467.0	
STO   OOO   OO   OO   OO   OO   OO   O	
18.9 J85 00047 00.64 33.844 27.15 1492.3  STO 70050 CO.78 33.86 27.16 00.049 1452.1  STO J0075 00.32 34.16 27.43 00.067 1450.8  18.9 J85 00075 CO.32 34.159 27.43 1450.8  18.9 J85 00097 01.50  STO 00100 01.56 34.28 27.45 00.084 1497.0  STO 001125 02.03 34.39 27.50 00.09 1.59.6  18.9 J85 00145 02.40  STO 00150 02.50 34.49 27.54 00.114 1467.2  18.9 J85 00192 03.25 34.628 27.59 1466.3  STO 002JU J3.36 34.65 27.60 00.141 1467.0  STO 00250 03.40 34.78 27.64 00.116 1470.3	
STO   00050   C0.78   33.86   27.16   00.349   1452.1     STO   00075   00.32   34.16   27.43   00.067   T450.8     18.9   085   00075   00.32   44.159   27.43   00.067   T450.8     18.9   085   00077   01.50   01.50   01.50   01.50   01.50     STO   00125   02.03   34.39   27.50   00.097   1459.6     STO   00125   02.40   01.50   02.50   34.49   27.54   00.114   1467.2     STO   00230   03.35   34.65   27.60   00.141   1467.0     STO   00250   03.43   34.65   27.60   00.141   1467.0     STO   00250   03.43   34.65   27.60   00.141   1467.0     STO   00250   03.43   34.65   27.60   00.161   1470.3     STO   00250   03.43   34.65   27.60   00.161   1470.3     STO   00250   03.43   34.65   27.60   00.161   1470.3	
STO   00075   00.32   34.16   27.43   00.067   1450.8   18.9   085   00075   00.32   34.16   27.43   1450.8   1450.8   16.9   085   00075   01.55   27.43   1450.8   1450.8   1450.8   18.9   085   00100   01.56   34.28   27.45   00.044   1457.0   00.094   1459.6   18.9   JRS   00115   02.03   34.39   27.50   00.094   1459.6   18.9   JRS   00115   02.40   02.00   03.40   02.00   34.49   27.59   1406.3   18.9   JRS   00192   03.25   34.628   27.59   1406.3   1406.3   1407.0	
18.9	
18.9 085 00097 01.50 \$10 00100 01.56 39.28 27.45 00.384 1497.0 \$10 00125 02.03 39.39 27.50 00.097 1.59.6 18.9 JR\$ 00145 02.40 \$10 00150 02.50 39.49 27.59 00.114 1462.2 18.9 JR\$ 00192 03.25 34.628 27.59 1466.3 \$10 00250 03.95 34.65 27.60 00.141 1467.0 \$10 00250 03.95 34.78 27.66 00.140 1470.3	
\$10 00100 01.56 34.28 27.45 00.04 1457.0 \$10 00125 02.03 34.39 27.50 00.09 11.59.6 18.9 JRS 00150 02.50 34.49 27.54 00.114 1462.2 18.9 JRS 00192 03.25 34.628 27.59 1466.3 \$10 00230 03.36 34.65 27.60 00.141 1467.0 \$10 00250 03.40 34.78 27.64 00.116 1470.3	
\$10 00125 02.03 34.39 27.50 00.09 1.59.6 18.9 JR\$ 30145 32.40 \$10 00150 02.50 34.49 27.54 00.114 1462.2 18.9 JR\$ 00192 33.25 34.628 27.59 1466.3 \$10 00230 03.36 34.65 27.60 00.141 1467.0 \$10 00250 03.40 34.78 27.64 00.116 1470.3	
18.9 JRS	
\$10 00150 02.50 34.49 27.54 00.114 1467.2 18.9 065 00192 03.25 34.628 27.59 1466.3 \$10 00230 03.36 34.65 27.60 00.141 1467.0 \$10 00250 03.40 34.78 27.64 00.166 1470.3	
18.9 ()65 ()0192 ()3.25 34.628 27.59 (466.3 \$10 ()0230 ()3.36 34.65 27.60 ()0.141 1467.0 \$10 ()0250 ()3.40 34.78 27.64 ()0.166 1470.3	
\$10 00230 03.36 34.65 27.60 00.141 1467.0 \$10 00250 03.90 34.78 27.64 00.166 1470.3	
510 00250 03.90 34.78 27.64 00.166 1470.3	
18.9 UBS 00268 04.15 34.843 27.67 1472.3	
STU	
19.9 085 100386 04.11 34.869 27.69 1475.5	
\$10 u0400 04.10 34.87 27.69 00.235 1473.7	
18-9 085 00487 34-08 34-877 27-70 1475-1	
\$10 00510 04.08 34.88 27.70 00.280 1475.3	
19.9 085 100594 04.69 34.889 27.71 1476.7	

Table VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972. Prepared from NODC Listing No. 31-8311.

REFLO 31 3311 CONSEC 0001 LAT 47 00 N LUNG (40 00 m	YEAR MGNT+ DAY MGUR	1 0o 05	BUTER OULSS SHIP LH DATA USE I ARFA USE S	ALR F #ET B BARCM CLCUO	OLA II.C ETK 1013.U	49	JT FER 2 2	MINU- ILR MINU-SPD MIND-FUR MEATHER	95	TRAC CURA	STH REC E DIR Tiun AZ USS	00.C	5 SQU 2 SQU	Q 1306 ARE 4 ARE 68 ARE 78
CASTALAZTIME	LVLTYP	UEPTH	TEMP	SAL	1-AME 12	PIGOPYG	SNU VEL	OXYG	P)4	TuT P	'• 12	103 5	1.1 P	н
	STU	00000	30.31	31.52	24.52	60.000	1471.5							
19.1	STO	00013	38.31 37.84	31.52	24.52 24.57	03.734	1477.5							
	S10	00070	07.84	32.95	24.57	00.059	1471.1							
	≀185 S1D ⊔85	00020	- 0.83 - 1.57 - 1.57	32.45	20.51	03.073	1442.9							
	510 085	00050	- 1.71 - 1.71	33.35 33.11 33.11	20.61 26.66 20.66	00.101	1439.8 1439.5 1439.5							
	STL	J0075 J0075	- 1.71 - 1.71	33.15 33.15	26.10	01.130	1440.0							
	S <b>T</b> Ū ∂⊎S	00100 00100	- 1.72 - 1.72	33.17 33.17	26.71	00.169								
	U6 S	00105	- 1.71	33.21	20.74	*******	1440.6							
					*****	*******	•							
KEF10 31 8311	YEAR		BUTDP 03174	ALP TE		JIR F		ALC-UVIV			STO RECO		Ten So	
CUNSEC 0002 LAT 47 00 N LCNG 047 44 W	MONTH DAY Hour	05	SHIP IH DATA USE I AREA 05	MET BU BARUME CLOUD	TR 1010.9	SEA CL/TR	2	ALVO-SPD ALVO-FUR AFATHER		TRACE DURAT URAG		00.0	5 SQUA 2 SQUA 1 SQUA	
CASTNUM/TIME	LVLTYP	DEPTH	LEMP	SAL	SIGMA-T	DYNDPIH	SND VEL	JXYG	Ρ)4	101 6	NG2	NO3 51	из Рн	
21.3	STD OBS	00000	08.36 38.36	31.50 31.50	24.50 24.50	00.300	1474.8							
	\$10 085	00010	07.78 07.78	31.40	24.50	03.034	1477.0							
	\$10 085 \$10	00020 00030	- 0.52 - 0.52 - 1.50	32.95 32.95 33.07	25.50 26.50 20.63	00.059	1 444 . 4 1 444 . 4 1 444 . 1							
	D85	00030	- 1.53 - 1.63	33.07 33.09	20.63	00.014	1440.1							
	\$10 08\$	00050 00050	- 1.69 - 1.69	33.11	25.06	00-102	1434.0							
	STD 085	00075 00075	- 1.70 - 1.70	33-17 33-17	20.71 20.71	03-136	1440.1 1440.1							
	510 880 510	00100	- 1.63 - 1.63 - 1.40	33.26	26.78 26.78	00.169	1440.9 1440.9 1442.3							
	08 S	00125 00125 00128	- 1.48 - 1.48	33.42 33.42 33.44	26.91 26.91 25.92	00.177	1442.3							
					****		•							
FEFED 31 8311 CCNSEC 0003		1 + 72	801UP 0021U SHIP IH	Alk T WET 15	EMP 09.7		oT PER	HIND-DIR			STD REC		TEN S	
LAT 47 00 N	UΛY	05	DATA USE 1	DAROM	ETP 1011.5		1 2	MINIMSPU MIND-FUR MEATHER		DURA:		00.2	5 SQUA 2 SQUA 1 SQUA	RE 66
CASFOUMATIME	LVLTYP	БЕРТН	TEMP	SAL	51.ma-T	DYNOPIH	SNO VEL	DXY G		TOT P	Nű2	NO3 S	Lū3 Pr	
23.0	5 T D 138 S	00 000 00 000	06.84	31.59 31.59	24.78 24.78	00.000	1474.1							
	\$10 UBS	00010	05.44 05.44	31.64	2+•98 2+•98	00.031	1468.7							
	STD UBS	00020	- 1.12 - 1.12	32.99 32.99	20.55 20.55	00.053	1441.6							
	51D 1185 1185	00030 00030 00035	- 1.56 - 1.56 - 1.45	33.10	20.65	00.068	1439.4							
	HeS STD	00038	- 1.64 - 1.63	33.10 33.13 33.18	26.65 26.66 26.72	00.045	1440.5 1437.7 1437.8							
	085 510	09050 30075	- 1.68 - 1.50	33.18 33.26	26.72	00.127	1439.8							
	⊓es STD	00100	- 1.50 - 1.38	33.30 33.49	26.95	00.155	1441.2							
	18 S S <b>T</b> U	00100	- 1.34 - 0.80	33.48	27.11	00.182	1442.4							
	510 H C	00125	- 0.81 - 0.51	33.69	27.11	00.206	1445.8							
	18.5 0.65 JB.5	00150 00165 00175	- 0.51 - 0.51 - 0.40	33.77 33.81 33.40	27.16 27.15 27.26		1447.7 144d.0							
	1183	00181	- 0.24	31.71	27.26		1447.7							
					••••	•••••	•							

REFIJ 31 8311 CUNSEC 0004 LAT 47 00 N LUNG 047 14 N	YEAR 1972 MUNTH OB DAY OG HUUR 01.9	DUTUP CU384 SHIP IH DATA USE I AREA US	AIR TEMP CJ.7 WET BULG 09.0 BARCMETR 1012.0 CLGUD T/A	DTH HUT PER 49 2 2 SEA CL/TR	#140-DIR 23 #INU-SPO 05 #INU-FDR #EATHER X4	INST SID RECOMDER TEN SU 1336 TRACE DIR 0 5 SQUARE 4 DURATION 03.1 2 SQUARE 66 URIG 42 GSS I SQUARE 77
CASTNEM/T (HE	LVLTYP UEPTH	TEMP	SAL S15M4-1	LYNOPTH SNU VEL	UXYG PJ4	TGT P NOZ NJ3 \$103 PH
v1.∀	\$10 00000 085 00000 \$10 00000 \$10 00000 \$10 00000 \$10 00000 \$10 00000 \$10 00000 \$10 00000 \$10 00000 \$10 00100 \$10 00	0(1)3 - 1.36 - 1.36 - 1.36 - 1.37 - 1.37 - 0.84 - 0.84 - 0.84 - 0.13 - 0	31.72 294 31.72 294 31.72 294 31.71 294 31.71 294 31.71 295 31.69 25.45 31.69 25.45 33.30 20.66 33.30 27.04 33.77 27.17 33.77 27.17 33.79 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.27 33.90 27.21 33.90 27.21 33.90 27.21 33.90 27.21 33.90 27.21 33.90 27.21 33.90 27.21 33.90 27.21 33.90 27.21 33.90 27.21	CU. JUU 1472.2  00.030 1472.3  1472.3  1472.3  1472.3  1472.3  1472.9  1445.9  00.077 1441.2  1441.2  00.144 1440.9  1446.6  1446.6  00.144 1446.6  1446.6  00.144 146.6  1446.6  00.145 1446.6  00.164 1465.8  1465.8  1465.8  1465.8  1465.7  00.265 7  1466.7		
REFIU 31 8311 CONSEC 0005 LAT 47 01 N LONG 047 00 W	YEAR 1972 MONTH Od DAY O6 HOUR 03.9	BUTOP 01116 SMIP 1H OATA USE 1 AREA 05	AIR FEMP UB.5 HET AULB OB.1 BARCHETR LOIL.8 CLEUD T/A	OIR FUT PER 49 2 2 SEA CL/TR	#1ND-U1F 25 #1ND-SPO 03 #1NO-F3R #EATHER X0	THIST STU RECORDER TEN SO 1306 TRIACE DIR 0 5 SQUARE 4 OURATION 00.3 2 SQUARE 6A ORTO AZ 055 1 SQUARE 77
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	OYNOPTH SNO VEL	JXYG PU4	TOT P NU2 NU3 ST.13 PH
03.7	\$10 00000  085 00000  085 00010  085 00010  085 00010  085 00010  085 00050  \$10 00050  \$10 00000  085 00100  085 00100  085 00150	06.77 06.49 06.46 00.00 00.00 - 0.56 - 0.55 - 0.55 - 0.37 - 0.37 00.33 01.09 01.91 02.55 02.55 03.27 03.27 03.27 03.27 03.34 03.44 03.65 03.67 03.79	31.70	00.000 1473.8 1473.4 03.024 1473.7 00.047 1447.5 00.057 1445.2 1445.2 00.070 1446.0 1447.5 00.114 1451.2 00.130 1455.2 1451.2 00.130 1455.2 00.145 1457.5 00.171 1463.4 1469.1 1469.1 1469.1 1469.1 1470.4 00.260 1477.7 1477.4 00.387 1477.7 1477.1 1477.1 1477.1 1477.1 1477.1 1477.1 1477.1 1477.1 1477.1 1477.1 1477.1 1477.4 00.471 1480.0 00.514 1481.9 1482.9		

Table VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

KFFID 31 B311 CUNSEC 0006 LAT 46 59 N LGNG 046 31.5H	YEAR MUNTH OAY HOUR	06 08	BETOP 00512 SHIP IH DATA USE 1 AREA 05	AIR TE WET SE BAROME CLOUD	JEH 1013.2	DIR FO 20 A SEA CL/TR		n IND-OIR alnD-SPO alnO-FBR alaIHER		TRACF DUKAT			5 2	N SU 1306 SQUARE 4 SQUARE 66 SQUARE 66
CASTNUM/TIME	LVLTYP	DEPTH	THMP	SAL	T=48618	OYNOPIH	SNO VEL	JXY 6	P 14	161 P	NUZ	NU 3	\$103	РН
10.1	STU UBS STO STO STO	00030 00050 00000 00000	07.94 07.94 00.15 04.64 03.42	32.48 32.485 32.85 33.15 33.40	25-33 25-33 25-86 26-28 26-60	00.000 00.024 00.044 00.060	1479.4 1474.4 1474.3 1467.4 1462.7							
13.1	385 510	00035 00050	02.92	33.507	26.72	00.085	1460.3 1450.6 1455.1							
10-1	06.5 STD	00064	01.42	33.824 33.96	27.09	00.111	1458.J 1461.9							
10.1	385 STD STO	00099	02.73	34.176 34.18 34.30	21.21 21.28 21.31		1462.0							
10.1	085 510	00125 00129 00150	02.76 02.76 02.73	34.313 34.36	21.3E 21.42	00.169	1462.8							
13.1	085 \$10	00194	02.61 02.90	34.496 34.53	21.52		1464.3							
10.1	\$ T U	00250 00259	03.95	34.74 34.767	27.6C 27.61		1470-4							
10.1	\$10 UBS	00300	04.44	34.85	21.64	00.253	1473.4 1476.1							
10.1	510	00400 106479	04.67	34.44 34.409	27.09	00.301								
						* * * * * * * * * * * * * * * * * * * *	•							
REFTO 31 B311 COMSEC 0007 LAT 47 OJ N LONG 046 11 W	YEAR MONTE DAY HOUP	1 04 06	SUTUP 00300 SHIP LH O414 USE L AREA US	AIR T WET B BARCM CLUUD	ULU 07.1 ETR 1015.0	1)[R H 22 5ca CL/1R	GT PER 2 2	R1ND-D1 R W14D-SPO W1ND-FUK WEATHEP	15	TRACI			5 2	N SJ 1306 SQUARE 4 SQUARE 06 SJUARE 76
CASTNUM/TIME	LVLTYP	DEFTH	TEMP	SAL	SIGMA-I	DYNLPIH	SNE VEL	DXYG	P )4	TOT P	NU2	FUN	\$103	Pri
	\$10	00000	07.95	32.07	25.41	00.303	1479.7							
12.5	085 \$10 \$10	00000 00010	01.45 01.62 01.24	32.666 32.73 32.79	25.47 25.57 23.66	00.025 00.049	1478.7							
12.5	585 510	00025	07.12 06.13	32.318	25.71 26.06	00.373	1477-1							
12.5	1185	00050	02.85	35.791 33.78	26.96	00.101	1461 - 1 1460 - 3							
12.5	085	00074	- 0.36	33.673 33.70	27.09 27.09	00-127	1447.0							
12.5	085 \$10	00043	- 0.17 - 0.03	33.809	27.17 27.19	00.150	144R.5 1448.9							
12.5	S 1 D OB S	00125 00148	00.40	34.03 34.183	27.29 27.37	00.171	1454.1 1457.9							
	5 T O	00150 00200	01.63 02.48	34.19 34.41	27.37 27.48	00.193 00.223	1458.U 1462.3							
12.5 12.5	1385 085	T00202 T00246	02.53 03.97	34.423 34.710	27.49 27.58		1463.1							
					*****		•							
REF1D 31 8311 CONSEC 000E LAT 47 01 N LONG 045 54 D	MUNTI	1972 H U8 06 13.8	BCTOP 00283 SHIP 1H UATA USE 1 AREA 05	AIR T WET B BARUM CLUUD	ULB 09.1 ETR 1016.1		GT PLR 2 2	MIND-DIR MIND-SPU MIND-FOR MEMTASA	12	TRACE OURAT			5	N SQ 1306 SQUARE 4 SQUARE 64 SQUARE 75
CA STNUM/TIME	FAFLAb	DEPTH	TEMP	SAL	SIGMA-I	HTGGNYU	SNO VEL	UXYG	P.)4	TUT P	NU2	NO3	51.13	Pri
ט.נו	510 085	00000	38.16 08.16	32.31	25.17	00.000	1480.0							
	STO	00010	0B. 05 07. 43	32.50 32.75	25.33 25.61	00.027	1480.0 1478.1							
13.8	UBS STD	00024	07.04 05.65	32.869 33.17	25.76 20.17	00.074	1476.d 1471.7							
13.8	UBS 5 T D	00049 00050	02.74 02.71	33.824 33.83	21.00	00.103	1460.7							
13.0	085 \$10	00073 00075	02.29 02.27	33.486 33.49	27.16 27.17	00.12s	1459.3							
13.8	085 STD	00100	02.22	34.100 34.11	21.20	00.149	1459.4							
13.8	5 TO UB 5	00125	02.64 02.99	34.29 34.417	27.37	00.163	1+64 - 2							
13.8	STO STO URS	00150 00200 100201	03.04 03.75 03.76	34.43 34.65 34.650	21.45	00.210	1468.6							
13.6	5 T D 0 8 S	00250	04.23 04.26	34.81 34.824	21.55 21.63 21.64	00.242	1408.7							
. 3.0	17.33	55274	U + 1 E U	21.027		•••••								

REFIO 31 8311 CINSEC 0009 LAT 47 20 N LONG 045 50 W	HONT:	1972 	BUTOP 03275 SHIP 1H OATA OSE 1 AREA 05	WET BAR	TEMP 10.6 80L8 C4.9 UMETR 1016.2 DO T/A	OIR H 28 SEA CL/TR		WENG-DER #IND-SPD #IND-FUR WEATHER	14	TRACE DURAT		00.1	5	N SQ 1 SQUARE SQUARE SQUARE	64
CASTNUMZTIME	LVLTYP	0EPTH	TEMP	SAL	516MA-1	OYNDETH	SND VEL	OXYG	P )4	TOT P	NJ2	NO3	5103	РН	
	510	00000	07.21	32.28	25.27	00.000	1416.3								
15.8	085	00000	37.21	32.28	25.27	00000	1476.3								
1710	STD	00010	07.09	32.25	25.27	00.021	1476.0								
	บหร	00010	07.09	32.25	25.21		1476.0								
	510	00020	05.95	32.76	25.81	00.052									
	u85	00023	05.95	32.16	25.81	00.032	1472.2								
	510	00030	02.55	33.65	25.87	00.069									
	085	00030	02.55	33.65	26.87		1459.3								
	U8 S	00032	02.19	33.69	20.88		1460.4								
	U85	00035	02.38	33.70	26.92		1450.7								
	085	00036	02.60	33.76	26.95		1459.8								
	085	00040	02.38	33.73	26.95		1458.8								
	085	00645	62.44	33.75	20.96		1459.2								
	510	00050	01.20	33.63	26.95	00.092									
	085	00050	01.20	33.63	25.95	00.072	1453.7								
	U85	00059	00.19	33.64	27.32		1449.2								
	085	00065	02.08	33.97	27.16		1456.3								
	510	00075	02.49	34.01	27.16	00.117									
	118.5	00075	02.47	34.01	27.10	00.117	1460.3								
	118.5	00083	02.50	34.01	27.16		1460.4								
	510	00100	02.17	34.06	27.23	00.139									
	JBS	00100	02.17	34.06	27.23	00.137	1459.4								
	085	00120	02.74	34.21	2130		1462.4								
	510	00125	02.52	34.24	27.34	00.159									
	085	00125	02.52	34.24	27.34	00.134	1461.6								
	U85	00128	02.46	34.28	27.38		1461.4								
	510	03150	02.94	34.42	27.45	00.177	1464.0								
	085	00150	02.94	34.42	27.45	00.171									
	085	00150	02.94	34.47	21.45		1464.0								
	085	00172	02.63	34.43	27.45		1460.0								
	510	00200	04.25	34.71	27.55	00.207	1470.3								
						00.201									
	U85	00200	04.25	34.71	21.55		1470.8								
	085	30205	04.40	34.76	27.57		1471.6								
					*****										

HEFED 31 -331 CONSEC OUT LAT 47 39 I LUNG 045 50 I	N DAY		SOTOP 00320 SHIP IH OATA USE I AREA US	HET 6		30 SEA	of PER 5 3	WIND-DIR WIND-SPO WIND-FUR WEATHER	15	TRACE		2	IEN SQ 1306 5 SQUARE 4 2 SQUARE 64 1 SQUARE 75
CASTNUM/TIME	LVLIYP	ОЕРІН	TEMP	SAL	SIGMA-T	UYNDPTH	SNO VEL	OXYG	P)4	101 P	NO2 NO	3 5103	з Рн
	510	00000	07.79	32.25	25.17	00.000	1478.5						
18.8	085	00000	07.79	32.251	25.17		1478.5						
	510	00010	02.95	32.68	26.07	00.024	1459.4						
	510	00020	- 0.39	33.00	26.53	00.041	1445.0						
18.0	085	00025	- 1.51	33.120	26.67		1440-1						
	STU	00030	- 1.51	33.15	26.65	00.055	1440.2						
	510	00050	- 1.51	33.28	26.80	00.082	1440.7						
10.6	485	00C 50	- 1.51	33.280	26.80		1440 - 7						
	510	00075	- 1.14	33.50	26.96	00.111	1443.2						
10.8	085	00075	- 1.14	33.495	26.96		1443.2						
	510	00100	- 0.28	33.76	27.14	00.136	1447.9						
18.0	U85	00100	- 0.28	33.760	27.14		1447.9						
	\$10	00125	00.28	33.45	27.26	00.158	1451.2						
	510	00150	01.05	34.13	27.37	00.177	1455.3						
10.8	085	00150	01-05	34.133	27.37		1455.3						
	510	00200	03.29	34.50	21.48	00.211	1460.5						
18.5	085	TU0205	03.46	34.528	21.49		1467.3						
	510	00250	04.47	34.79	27.59	00.240	1472.7						
16.8	085	T00270	04.64	34.885	27.65		1473.0						

Table VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

No.   State														**** ** *****
CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL DAYG P34 TUT P NOZ NO3 \$13 PH    CASTRUMYTIME LYTYP LEFTH TEMP SAL SIGNA-F UNNOFH SAU VEL S	REFIG 31 8311	YEAR	1972	8010P 0C563										
LAT 44 00 N 0AY 07 0ATA UST 0 AREA 05 ABARMET 1010-Y 0LL 78 CLUT 7		HUNTS	n 08	SHIP LH				2 2		11				
CASTNUM/TIME LVLTYP LEPTH TEMP SAL SIGMA-T DYNOPTH SNU VEL JAYG PJ4 TUT P NO2 NO3 S1U3 PH  S10 00000 07.31 32.23 25.22 C0.300 1476.0 1476.0 00000 07.31 32.23 25.22 C1.300 1476.0 1885 000010 00.91 32.18 22.23 00.028 1475.2 1885 00010 00.91 32.18 22.23 1476.0 1885 00010 00.91 32.18 22.23 1475.0 1885 00010 00.91 32.18 22.23 1475.0 1885 00022 00.37 32.79 22.32 1475.0 1885 00022 00.37 32.79 22.32 1475.0 1885 00022 00.37 32.79 22.33 1475.0 1885 00025 -1.02 33.15 28.05 00.000 1476.0 1886 00005 -1.02 33.15 28.05 00.000 1476.0 1886 00005 -1.02 33.23 28.75 00.000 1476.0 1886 00005 00005 -1.02 33.23 28.76 00.000 1476.0 1886 00005 00005 -1.02 33.23 28.76 00.000 1476.0 1886 00005 00005 -1.02 33.23 28.76 00.000 1476.0 1886 00005 00005 -1.02 33.23 28.76 00.000 1476.0 1886 00005 00005 -1.02 33.23 28.76 00.100 1476.0 1886 00005 00005 -1.02 33.23 28.76 00.100 1476.0 1886 00005 00005 00005 00005 00005 1476.0 1886 00005 0000		OAY	07	OATA USE 1										
CASTNUM/TIME   LVLTYP		HOUR	01.4	AREA 05	CLO	UD T/A	CL/TR		# LA THER	X 4	ORIG	A2 055		1 SQUARE 85
STO   DOUGNO   O7.31   32.23   25.22   C0.300   1×70.0														
01.4	CASTNUM/T LME	LVLTYP	LEPTH	TEMP	SAL	SIGMA-T	HIGONYG	SNU VEL	JAY G	P ) 4	TOT P	NOZ	ND3	5103 PH
01.4		510	agung	07.31	32.23	25.22	CO.000	1+70.0						
UBS 00010 06.91 32.18 25.23 00.028 1475.2  UBS 00010 03.93 32.15 25.27 1403.4  UBS 00010 03.93 32.45 25.75 1403.4  UBS 00010 02.13 32.38 25.89 00.02 02.13 32.38 25.89 1455.4  UBS 00020 - 1.40 33.15 22.47 140.7  UBS 00010 - 1.40 33.15 22.47 140.7  UBS 00010 - 1.40 33.15 22.47 140.7  UBS 00010 - 1.57 33.31 26.72 1440.1  UBS 00010 - 1.57 33.31 26.72 1440.1  UBS 00010 - 1.38 33.46 20.99 1440.1  UBS 00010 - 0.54 33.74 27.14 1440.7  UBS 00100 - 0.54 33.74 27.14 1440.7  UBS 00100 - 0.54 33.70 27.25 00.17 1449.2  UBS 00100 - 0.54 33.90 27.25 00.174 1449.2  UBS 00100 - 0.54 33.90 27.25 1450.0  UBS 00100 - 0.54 33.74 27.14 146.7  UBS 00100 - 0.54 33.90 27.25 1450.0  UBS 00100 - 0.54 34.11 27.38 1450.0  UBS 00100 - 0.55 34.07 27.71 1450.0  UBS 00100 - 0.5	01.4													
UBS 00010 0.4.0.91 32.18 25.23 1.75.2  UBS 00010 03.93 32.45 25.27 1463.4  S10 00020 02.13 32.38 25.89 00.022 1455.6  UBS 00022 02.13 32.38 25.89 00.022 1455.6  UBS 00022 02.13 32.38 25.89 1455.6  UBS 00022 02.57 32.79 26.32 1449.2  UBS 00023 - 1.40 33.15 26.60 03.00 1440.7  UBS 00030 - 1.40 33.15 26.60 03.00 1440.7  UBS 00050 - 1.40 33.15 26.76 03.00 1440.7  UBS 00050 - 1.40 33.23 26.76 03.00 1440.7  UBS 00050 - 1.52 33.23 26.76 03.00 1440.7  UBS 00050 - 1.52 33.23 26.76 03.00 1440.7  UBS 00050 - 1.38 33.46 26.94 01.126 1442.0  UBS 00015 - 1.38 33.46 26.94 1442.0  UBS 00100 - 0.54 33.74 27.14 00.152 1440.7  UBS 00100 - 0.54 33.74 27.14 00.152 1440.7  UBS 00100 - 0.54 33.74 27.14 00.152 1440.7  UBS 00100 - 0.55 33.74 27.15 00.17 1440.7  UBS 00100 - 0.56 33.74 27.15 00.17 1440.7  UBS 00100 00.50 34.11 27.38 00.193 1453.0  UBS 00100 00.50 34.11 27.38 00.193 1453.0  UBS 00100 00.50 34.11 27.38 00.193 1453.0  UBS 00170 01.26 34.15 27.37 1456.6  UBS 00170 01.50 34.27 27.42 1456.3  UBS 00170 01.50 34.27	01.11						00.028	1475.2						
168   169						25.23		1475-2						
1510   1002   102-13   32-38   25-89   1455-6   1455-6   1855   1455-6   185   1455-6   185   1455-6   185   1455-6   185   1449-2   144								1463.4						
085 00020 02-13 32-38 22-69 1455-6  085 00022 00-57 32-79 26-32 1449-2  085 00025 - 1-60 33-15 26-66 01440-7  085 00030 - 1-40 33-15 26-66 01.00-99 1440-1  085 00050 - 1-62 33-23 26-76 1440-1  085 00050 - 1-62 33-23 26-76 1440-1  085 00050 - 1-63 33-34 26-76 1440-1  085 00050 - 1-63 33-34 26-76 1440-1  085 00050 - 1-63 33-40 26-99 00-10-10-10-10-10-10-10-10-10-10-10-10-1				02.13	32.38	25.89	00.052	1455.6						
085 00025					32.38	25.69		1455.6						
085   00025   - C.70   33.09   26.62   1443.6     510   00030   - 1.40   33.15   26.65   03.00   1440.7     685   00050   - 1.62   33.23   26.76   1440.1     685   00050   - 1.62   33.23   26.76   1440.1     685   00050   - 1.62   33.23   26.76   1440.1     685   00050   - 1.62   33.23   26.76   1440.1     685   00050   - 1.62   33.23   26.76   1440.1     685   00075   - 1.38   33.46   26.94   00.126   1442.0     708   00100   - 0.54   33.74   27.14   00.152   1446.7     708   00100   - 0.54   33.74   27.14   00.152   1446.7     709   00100   - 0.54   33.74   27.14   00.152   1446.7     709   00125   - 0.13   33.90   27.25   00.174   1449.2     709			00022	00.57	32.79	26.32								
\$10 00030 - 1.40 33.15 26.65 03.00 1440.7  \$10 00050 - 1.62 33.23 26.76 00.096 1440.1  85 00050 - 1.62 33.23 26.76 01.00 1440.1  85 00050 - 1.63 33.23 26.76 1440.1  85 00051 - 1.57 33.31 26.32 1440.0  85 00055 - 1.38 33.46 26.94 00.126 1442.0  85 00075 - 1.38 33.46 26.94 1442.0  85 00075 - 1.38 33.46 26.94 1442.0  85 00075 - 1.38 33.46 26.94 1442.0  85 00000 - 0.54 33.76 27.14 00.152 1440.7  85 00100 - 0.54 33.76 27.14 1440.7  85 00100 - 0.54 33.76 27.14 1440.7  85 00100 - 0.50 33.76 27.15 1440.7  85 00105 - 0.13 33.90 27.25 00.174 1449.2  88 00125 - 0.13 33.90 27.25 1449.2  88 00125 - 0.13 33.90 27.25 1449.2  88 00126 - 0.00 33.96 27.25 1449.2  89 00150 00.54 34.11 27.38 00.193 1453.0  89 00157 01.06 34.14 27.37 1455.5  89 00170 01.26 34.15 27.37 1455.5  89 00170 01.26 34.15 27.37 1456.6  89 00170 01.26 34.15 27.37 1456.6  89 00193 01.53 34.26 27.42 1460.6  89 00193 01.53 34.26 27.42 1460.6  89 00250 03.81 34.70 27.59 00.27 1469.8  80 00250 03.81 34.70 27.59 00.27 1469.8  80 00250 03.81 34.70 27.59 00.257 1469.8  80 00250 03.81 34.70 27.59 00.257 1469.8  80 00300 03.82 34.72 27.60 00.264 1470.7  80 0050 03.80 03.83 34.81 27.69 1471.3  80 00500 03.86 34.88 27.69 1471.3  810 00500 03.86 34.88 27.69 01.37 1474.2  810 00500 03.86 34.88 27.69 1471.3  810 00500 03.86 34.88 27.71 00.377 1474.2				- C.70	33.09	26.62								
\$\begin{array}{cccccccccccccccccccccccccccccccccccc			00030	- 1.40	33.15		00.00 v							
085 00050 - 1.62 33.23 26.76 1440.1  085 00061 - 1.57 33.31 26.82 1440.0  \$10 00075 - 1.38 33.46 26.94 1442.0  188 00075 - 1.38 33.46 26.94 1442.0  \$10 00075 - 1.38 33.46 26.94 1442.0  \$10 00075 - 1.38 33.74 27.14 1440.7  \$10 00100 - 0.54 33.74 27.14 1440.7  \$10 00102 - 0.54 33.74 27.14 1440.7  \$10 00125 - 0.13 33.90 27.25 00.174 1449.2  \$85 00125 - 0.13 33.90 27.25 1440.0  \$85 00125 - 0.13 33.90 27.25 1440.0  \$85 00125 - 0.03 34.90 27.25 1450.0  \$85 00125 - 0.03 34.90 27.38 1450.0  \$85 00150 00.54 34.11 27.38 1450.0  \$85 00150 00.54 34.11 27.38 1450.0  \$85 00157 01.06 34.14 27.37 1455.5  \$85 00170 01.26 34.15 27.37 1455.5  \$85 00170 01.26 34.15 27.37 1455.5  \$85 00170 01.27 34.24 27.41 1580.9  \$85 00183 0193 01.53 34.24 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.59 34.25 27.42 1458.3  \$\$10 00200 01.30 34.33 34.70 27.59 00.257 1469.8  \$\$00300 03.82 34.72 27.60 00.264 1470.7  \$\$085 00310 03.82 34.72 27.60 00.264 1470.7  \$\$085 00300 03.82 34.72 27.60 00.264 1470.7  \$\$085 00300 03.80 34.83 34.80 27.69 1471.8  \$\$10 00500 03.84 34.85 27.69 00.377 1476.2		U85	00030	- 1.40	33.15									
085 00001 - 1.57 33.31 26.82 1440.6  STD 00075 - 1.38 33.46 26.94 00.126 1442.0  U8S 00075 - 1.38 33.46 26.94 00.152 1442.0  STD 00100 - 0.54 33.74 27.14 00.152 1440.7  D8S 00100 - 0.54 33.74 27.14 00.152 1440.7  STD 00125 - 0.13 33.90 27.25 00.174 1440.7  D8S 00125 - 0.13 33.90 27.25 1440.2  U8S 00144 - 0.06 35.96 27.25 1450.2  STD 00150 00.54 34.11 27.38 1450.2  STD 00150 00.54 34.11 27.38 1455.0  D85 00150 00.54 34.11 27.38 1455.0  D85 00170 01.26 34.12 27.37 1455.6  D85 00170 01.26 34.15 27.37 1455.6  D85 00170 01.26 34.15 27.37 1455.6  D85 00185 02.10 34.29 27.42 1460.d  D85 00185 02.10 34.29 27.42 1460.d  D85 00193 01.53 34.24 27.42 1458.7  D85 00200 01.59 34.25 27.42 00.227 1458.7  D85 00210 02.21 03.81 34.70 27.59 00.257 1469.8  D85 00210 03.82 34.72 27.60 00.256 1469.8  D85 00210 03.82 34.72 27.60 00.256 1469.8  D85 00310 03.82 34.72 27.60 00.352 1471.3  D85 00300 03.82 34.72 27.60 00.352 1471.3  D85 00300 03.82 34.72 27.60 00.352 1471.3  D85 00300 03.86 34.83 27.69 00.332 1473.1  D85 00500 03.46 34.88 27.71 00.377 1470.7  D85 00500 03.46 34.88 27.71 00.377 1470.2		STD	00050	- 1.62	33.23		00.096							
STD   00075   1.38   33.46   20.94   00.126   1442.0		085	00050											
085 00075 - 1.38 33.46 26.94 1442.0  \$10 00100 - 0.54 33.74 27.14 00.152 1446.7  085 00100 - 0.54 33.74 27.14 1446.7  \$10 00125 - 0.13 33.90 27.25 00.174 1449.2  085 00125 - 0.13 33.90 27.25 1449.2  085 00144 - 0.06 33.96 27.25 1449.2  085 00150 00.54 34.11 27.38 1450.2  \$10 00150 00.54 34.11 27.38 00.193 1453.0  085 00150 00.54 34.11 27.38 1453.0  085 00150 00.54 34.11 27.38 1453.0  085 00150 00.54 34.11 27.38 1453.0  085 00170 01.26 34.15 27.37 1456.6  085 00170 01.26 34.15 27.37 1456.6  085 00183 02.10 34.24 27.41 1458.6  085 00183 02.10 34.29 27.42 1460.d  085 00185 02.10 34.29 27.42 1460.d  085 00189 02.10 34.29 27.42 1458.3  \$10 00200 01.59 34.25 27.42 00.227 1458.7  DBS 00200 01.59 34.25 27.42 00.227 1458.7  DBS 00210 02.47 34.49 27.55 1463.3  \$10 00250 03.81 34.70 27.59 00.257 1469.8  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00300 03.82 34.72 27.60 00.257 1469.8  085 00350 03.86 34.83 27.69 1471.3  085 00300 03.86 34.88 27.69 1471.3  085 00300 03.96 34.88 27.69 1471.1  085 00300 03.96 34.88 27.69 1471.1  085 00300 03.96 34.88 27.71 00.377 1474.2		085	00061	- 1.57										
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\$10 00125 - 0.13 33.90 27.25 00.174 1449-2  085 00125 - 0.13 33.90 27.25 1449-2  085 00144 - 0.00 35.96 27.27 1450-0  085 00145 - 0.05 34.07 27.38 1450-2  \$510 00150 00.54 34.11 27.38 00.193 1453.0  085 00157 01.00 34.14 27.37 1455-5  085 00170 01.26 34.15 27.37 1456-6  085 00170 01.26 34.15 27.37 1456-6  085 00174 01.73 34.24 27.41 1458-9  085 00185 02.10 34.29 27.42 1460-8  085 00183 01.53 34.24 27.42 1458-3  \$510 00200 01.59 34.25 27.42 1458-3  \$510 00200 01.59 34.25 27.42 1458-7  085 00210 02.81 34.70 27.59 00.227 1469-8  085 00250 03.81 34.70 27.59 1469-8  085 00300 03.82 34.72 27.60 00.264 1470-7  085 00313 03.33 34.70 27.59 1469-8  085 00310 03.82 34.72 27.60 00.264 1470-7  085 00310 03.82 34.72 27.60 00.264 1470-7  085 00310 03.83 34.83 27.69 1471-8  085 00350 03.80 33.33 34.70 27.68 1471-8  085 00350 03.80 33.83 34.70 27.68 1471-8  085 00350 03.80 33.83 34.70 27.69 1471-8  085 00350 03.80 33.83 34.70 27.69 1471-8  085 00350 03.80 33.83 34.70 27.69 1471-8  085 00350 03.80 33.83 34.70 27.69 1471-8  085 00350 03.80 33.83 34.83 27.69 1471-8  085 00350 03.80 33.83 34.83 27.69 1471-8  085 00400 03.96 34.85 27.69 00.337 1474-2  085 00500 03.84 34.85 27.69 00.337 1474-2  085 00500 03.84 34.86 27.71 00.377 1474-2		510					00-152							
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185							00.174							
085 00145 - 0.05 34.07 27.38 1450.2  5TO 00150 00.54 34.11 27.38 00.193 1453.0  085 00157 01.06 34.14 27.37 1455.5  085 00170 01.26 34.15 27.37 1455.6  085 00170 01.26 34.15 27.37 1456.6  085 00170 01.27 34.24 27.41 1450.9  085 00185 00185 02.10 34.29 27.42 1460.8  085 00193 01.53 34.24 27.42 1450.8  5TO 00200 01.59 34.25 27.42 1458.7  085 00200 01.59 34.25 27.42 1458.7  085 00201 02.47 34.49 27.55 1463.3  5TO 00250 03.81 34.70 27.59 00.257 1469.8  085 00216 04.00 34.75 27.61 1470.7  085 00300 03.82 34.72 27.60 00.264 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00313 03.33 34.81 27.68 1470.7  085 00360 03.80 33.79 34.81 27.69 1470.7  085 00360 03.80 33.83 34.70 27.69 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00300 03.83 34.85 27.69 1471.8  085 00360 03.80 33.83 34.81 27.68 1471.8  085 00360 03.80 03.83 34.85 27.69 1473.1  085 00400 03.96 34.85 27.69 1473.1  085 00400 03.96 34.85 27.69 1473.1  085 00500 03.84 34.85 27.69 1473.1  085 00500 03.88 34.85 27.69 1473.1  085 00500 03.88 34.85 27.69 1473.1														
\$10 00150 00.54 34.11 27.38 00.193 1453.0  085 00150 00.54 34.11 27.38 1453.0  085 00157 01.06 34.14 27.37 1455.5  085 00170 01.26 34.15 27.37 1456.6  085 00170 01.26 34.15 27.37 1456.6  085 00170 01.76 34.15 27.37 1456.6  085 00185 02.10 34.29 27.42 1460.8  085 00185 02.10 34.29 27.42 1458.3  \$10 0200 01.59 34.25 27.42 00.227 1458.7  085 00200 01.59 34.25 27.42 1458.7  085 00200 01.59 34.25 27.42 1458.7  085 00200 01.59 34.25 27.42 1458.7  085 00200 03.81 34.70 27.59 1469.8  085 00250 03.81 34.70 27.59 1469.8  085 00250 03.81 34.70 27.59 1469.8  085 00200 03.82 34.72 27.60 00.257 1469.8  085 00300 03.82 34.72 27.60 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00313 03.33 34.70 27.64 1470.7  085 00313 03.33 34.70 27.64 1468.8  085 00340 03.77 34.81 27.68 1471.3  085 00350 03.88 34.83 27.69 1471.8  085 00360 03.83 34.83 27.69 1472.2  510 00400 03.96 34.85 27.69 00.332 1473.1  510 00500 03.96 34.85 27.69 1472.2  585 00400 03.96 34.86 27.71 00.377 1474.2  085 00500 03.88 34.86 27.71 00.377 1474.2														
085 00150 00.54 34.11 27.38 1453.0 085 00157 01.06 34.14 27.37 1455.5 085 00170 01.28 34.15 27.37 1456.6 085 00174 01.73 34.24 27.41 1459.9 085 00185 02.10 34.29 27.42 1460.d 085 00193 01.53 34.24 27.42 1459.7 085 00200 01.59 34.25 27.42 1459.7 085 00201 02.59 34.25 27.42 1459.7 085 00221 02.47 34.49 27.55 1463.3 510 00250 03.81 34.70 27.59 00.257 1469.8 085 00250 03.81 34.70 27.59 1469.8 085 00250 03.81 34.70 27.59 1469.8 085 00200 03.82 34.72 27.60 00.264 1470.7 085 00300 03.82 34.72 27.60 00.264 1470.7 085 00300 03.82 34.72 27.60 1470.7 085 00300 03.82 34.72 27.60 1470.7 085 00300 03.82 34.72 27.60 1470.7 085 00300 03.82 34.72 27.60 1470.7 085 00300 03.82 34.72 27.60 1470.7 085 00300 03.82 34.72 27.60 1470.7 085 00300 03.83 34.70 27.64 1468.8 085 00340 03.79 34.81 27.68 1471.8 085 00350 03.88 34.83 27.69 1471.8 085 00360 03.83 34.83 27.69 1472.2 510 00400 03.96 34.85 27.69 00.332 1473.1 510 00500 03.84 34.85 27.69 00.372 1474.2 085 00400 03.96 34.85 27.69 00.372 1474.2 085 00500 03.88 34.86 27.71 00.377 1474.2							03.103							
085 00157 01.06 34.14 27.37 1455.5 085 00170 01.26 34.15 27.37 1456.6 085 00170 01.26 34.15 27.37 1456.6 085 00180 02.10 34.24 27.41 1459.9 085 00185 02.10 34.29 27.42 1460.d 085 00193 01.53 34.24 27.42 1450.3 5TO 00200 01.59 34.25 27.42 00.227 1458.7 085 00200 01.59 34.25 27.42 1459.7 085 00201 02.47 34.49 27.55 1463.3 5TD 00250 03.81 34.70 27.59 00.257 1469.8 085 00250 03.81 34.70 27.59 1469.8 085 00250 03.81 34.70 27.59 1469.8 085 00260 03.82 34.72 27.60 00.264 1470.7 085 00300 03.82 34.72 27.60 00.264 1470.7 085 00313 03.33 34.70 27.64 1468.8 085 00340 03.79 34.81 27.68 1469.8 085 00350 03.88 34.81 27.68 1471.3 085 00360 03.83 34.81 27.69 1471.8 085 00380 03.83 34.83 27.69 1471.8 085 00380 03.83 34.83 27.69 1471.8 085 00360 03.96 34.85 27.69 00.332 1473.1 5TO 00400 03.96 34.85 27.69 00.332 1473.1 5TO 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.84 34.86 27.71 00.377 1474.2							00.193							
085 00170 01-26 34-15 27-37 1456-6 085 00174 01-73 34-24 27-41 1458-9 085 00185 02-10 34-29 27-42 1460-d 085 00193 01-53 34-24 27-42 1458-7 510 00200 01-59 34-25 27-42 00-227 1458-7 085 00200 01-59 34-25 27-42 1458-7 085 00221 02-47 34-49 27-55 1463-3 510 00250 03-81 34-70 27-59 00-257 1469-8 085 00250 03-81 34-70 27-59 1469-8 085 00250 03-81 34-70 27-59 1469-8 085 00260 03-82 34-72 27-60 00-264 1470-7 085 00300 03-82 34-72 27-60 00-264 1470-7 085 00313 03-33 34-70 27-64 1468-8 085 00340 03-79 34-81 27-68 1471-8 085 00350 03-83 34-85 27-69 1471-8 085 00380 03-83 34-85 27-69 1471-8 085 00380 03-83 34-85 27-69 1471-8 085 00380 03-83 34-85 27-69 1471-8 085 00380 03-83 34-85 27-69 1471-8 085 00400 03-96 34-85 27-69 00-332 1473-1 085 00400 03-96 34-85 27-69 1472-2 085 00500 03-84 34-86 27-71 00-377 1474-2 085 00500 03-84 34-86 27-71 00-377 1474-2														
085 00174 01.73 34.24 27.41 1458.7 085 00185 02.10 34.29 27.42 1458.3 STO 00200 01.59 34.25 27.42 1458.7 U85 00201 02.50 34.25 27.42 1458.7 U85 00221 02.47 34.49 27.55 1463.3 STO 00250 03.81 34.70 27.59 00.257 1469.8 U85 00250 03.81 34.70 27.59 1469.8 U85 00276 04.00 34.75 27.61 1471.1 STO 0300 03.82 34.72 27.60 00.264 1470.7 U85 00313 03.33 34.70 27.56 1470.7 U85 00300 03.82 34.72 27.60 1470.7 U85 00300 03.82 34.72 27.60 1470.7 U85 00300 03.83 34.70 27.64 1468.8 U85 00340 03.79 34.81 27.68 1471.3 U85 00360 03.80 34.83 34.85 27.69 1471.8 U85 00360 03.80 03.83 34.85 27.69 1471.1														
085 00185 02.10 34.29 27.42 1460.d 085 00193 01.53 34.24 27.42 1458.3  \$														
085 00193 01.53 34.24 27.42 1458.3  STO 00200 01.59 34.25 27.42 00.227 1458.7  J85 00200 01.59 34.25 27.42 1.55.7  D85 00201 02.47 34.49 27.55 1463.3  STO 00250 03.81 34.70 27.59 00.257 1469.8  D85 00276 04.00 34.75 27.61 1.471.1  STO 00300 03.82 34.72 27.60 00.264 1470.7  D85 00300 03.82 34.72 27.60 00.264 1470.7  D85 00300 03.82 34.72 27.60 1470.7  D85 00300 03.82 34.72 17.60 1470.7  D85 00300 03.83 34.81 27.69 1471.8  D85 00350 03.88 34.83 27.69 1471.8  D85 00360 03.83 34.85 27.69 1472.2  STO 00400 03.96 34.85 27.69 00.332 1473.1  D85 00400 03.96 34.85 27.69 1472.2  STO 00400 03.96 34.85 27.69 1472.2  D85 00500 03.84 34.86 27.71 00.377 1474.2														
\$10 00200 01.59 34.25 27.42 00.227 1458.7  185 00200 01.59 34.25 27.42 1458.7  185 00200 01.59 34.25 27.42 1458.7  185 00200 01.59 34.25 27.42 1458.7  186 00210 02.47 34.49 27.55 1463.3  57D 00250 03.81 34.70 27.59 00.257 1469.8  185 00250 03.81 34.70 27.59 1469.8  185 00276 04.00 34.75 27.61 1471.1  57D 00300 03.82 34.72 27.60 00.264 1470.7  185 00300 03.82 34.72 27.60 1470.7  185 00300 03.82 34.72 27.60 1470.7  185 00300 03.82 34.72 27.60 1471.3  185 00300 03.83 34.70 27.64 1468.8  186 00313 03.33 34.70 27.64 1468.8  186 00350 03.83 34.81 27.68 1471.3  186 00350 03.88 34.83 27.69 1471.8  187 00400 03.96 34.85 27.69 00.332 1473.1  187 00500 03.84 34.86 27.71 00.377 1474.2  188 00500 03.84 34.86 27.71 00.377 1474.2														
085 00200 01.59 34.25 27.42 1458.7  085 00221 02.47 34.49 27.55 1463.3  510 00250 03.81 34.70 27.59 00.257 1469.8  085 00250 03.81 34.70 27.59 1469.8  085 00276 04.00 34.75 27.61 1471.1  510 00300 03.82 34.72 27.60 00.264 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00313 03.33 34.70 27.64 1468.8  085 00340 03.79 34.81 27.68 1471.8  085 00350 03.83 34.83 27.69 1471.8  085 00360 03.83 34.83 27.69 1471.8  085 00360 03.83 34.85 27.69 00.332 1473.1  085 00400 03.96 34.85 27.69 00.332 1473.1  085 00400 03.96 34.85 27.69 00.332 1473.1  085 00500 03.84 34.86 27.71 00.377 1474.2  085 00500 03.86 34.85 27.69 1472.2							00-227							
DBS														
\$70 00250 03.81 34.70 27.59 00.257 1469.8  085 00250 03.81 34.70 27.59 1469.8  085 00276 04.00 34.75 27.61 1471.1  \$510 00300 03.82 34.72 27.60 00.264 1470.7  085 00300 03.83 34.72 27.60 1470.7  085 00313 03.33 34.70 27.64 1468.8  085 00340 03.79 34.81 27.68 1471.3  085 00350 03.88 34.83 27.69 1471.8  085 00380 03.83 34.83 27.69 1472.2  550 00400 03.96 34.85 27.69 00.332 1473.1  085 00400 03.96 34.85 27.69 1472.2  085 00500 03.84 34.86 27.71 00.377 1474.2  085 00500 03.84 34.86 27.71 00.377 1474.2														
085 00250 03.81 34.70 27.59 1469.8  085 00276 04.00 34.75 27.61 1471.1  \$10 00300 03.82 34.72 27.60 00.264 1470.7  085 00300 03.82 34.72 27.60 1470.7  085 00313 33.33 34.70 27.64 1468.8  085 00340 03.79 34.81 27.68 1471.3  085 00350 03.88 34.81 27.69 1471.8  085 00380 03.83 34.83 27.69 1472.2  \$10 00400 03.96 34.85 27.69 00.332 1473.1  085 00400 03.96 34.85 27.69 1473.1  \$10 00500 03.84 34.85 27.69 1473.1  \$10 00500 03.84 34.85 27.69 1473.1							00.257							
085 00276 04.00 34.75 27.61 1471.1 5TD 00300 03.82 34.72 27.60 00.264 1470.7 085 00300 03.82 34.72 27.60 1470.7 085 00313 03.33 34.70 27.64 1468.8 085 00340 03.79 34.81 27.68 1471.3 085 00350 03.86 34.83 27.69 1471.8 085 00380 03.83 34.83 27.69 1471.8 085 00380 03.83 34.83 27.69 1471.8 085 00400 03.96 34.85 27.69 00.332 1473.1 5TD 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.84 34.86 27.71 00.377 1474.2														
\$\begin{array}{cccccccccccccccccccccccccccccccccccc								1471.1						
085 00300 03.82 34.72 27.60 1470.7 085 00313 03.33 34.70 27.64 1468.8 085 00340 03.73 34.81 27.68 1471.3 085 00350 03.86 34.83 27.69 1471.8 085 00380 03.83 34.83 27.69 1472.2 510 00400 03.96 34.85 27.69 00.332 1473.1 510 00500 03.86 34.86 27.71 00.377 1474.2 085 00500 03.86 34.86 27.71 1474.2							00-264	1470.7						
085 00313 03.33 34.70 27.64 1468.8 085 00340 03.79 34.81 27.68 1471.3 085 00350 03.88 34.83 27.69 1471.8 085 00380 03.83 34.83 27.69 1472.2 510 00400 03.96 34.85 27.69 00.332 1473.1 510 00500 03.84 34.85 27.69 1473.1 510 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.84 34.86 27.71 1474.2								1470.7						
085 00340 03.79 34.81 27.68 1471.3 085 00350 03.86 34.83 27.69 1471.8 085 00380 03.83 34.83 27.69 1472.2 5TO 00400 03.96 34.85 27.69 00.332 1473.1 085 00400 03.96 34.85 27.69 1473.1 5TD 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.84 34.86 27.71 1474.2					34.70	27.64		1468.8						
085 00380 03.83 34.83 27.69 1472-2 510 00400 03.96 34.85 27.69 00.332 1473.1 085 00400 03.96 34.85 27.71 1473.1 510 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.84 34.86 27.71 1474.2								1471.3						
085 00380 03.83 34.83 27.69 1472.2 570 00400 03.96 34.85 27.69 00.332 1473.1 085 00400 03.96 34.85 27.69 1473.1 510 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.88 34.86 27.71 1474.2														
510 00400 03.96 34.85 27.69 00.332 1473.1 085 00400 03.96 34.85 27.69 1473.1 510 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.84 34.86 27.71 1474.2			00380	03.83	34.83									
510 00500 03.84 34.86 27.71 00.377 1474.2 085 00500 03.84 34.86 27.71 1474.2		510	00400				00.332							
085 00500 03.84 34.86 27.71 1474.2		085												
							00.377							
DBS 00508 U3.84 34.86 27.71 1474.4														
		085	00508	U3.84	34.86	27.71		1474.4						

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Table VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

CONSE	C 48	8311 0012 20 N 50 H	MONT!	1972 1 08 07 04.9	BUTOP 30970 SHIP LH DATA USE 1 AREA 05	HET	TEMP 07-4 8ULB 07-3 IDMETR 1019-0	DIR H 29 SEA CL/TR		MIND-DIR WIND-SPD WIND-FOR WEATHER	36	TRACE		00.2	S S(	SO 13 DUARE DUARE DUARE	4 84
CAS	TNOM	TIME	LVLTYP	OFPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	JXY G	P 34	TOT P	ND2	NO3	Sto3	РН	
			\$10	00000	07.75	32.36	25.26	00.000	1478.5								
		04.9	UB 5	00000	07.15	12.36	25.26		1478.5								
			STD	00010	07.84	32.90	25.67	03.025	1479.7								
			085	00010	07.84												
			570	00020	08.52	33.33	25.91	00.047	1483.1								
			085	00020	08.52												
			STD	000 30	08.57	33.66	26.16	00.067	1483.8								
			085	00030	08.57												
			D85	00044	08.36	31.95	26.42		1483.7								
			510	00050	08.39	34.01	26.46	00.102	1483.9								
			085	00050	08.39	34.01	26.46		1483.9								
			510	00075	09.39	34.32	26.54	00.141	1400.5								
			085	00075	09.39	34.32	26.54		1488.5								
			510	00100	02.38	34.45	21.52	00.167	1460.8								
			082	00100	02.38	34.45	27.52		146).8								
			085	00110	02.20	34.51	27.59		1460.3								
			STD	00125	02.29	34.53	27.59	00.180	1460.9								
			085	00125	02.29	34.53	27.59		1460.9								
			510	00150	02.85	34.62	27.62	00.193	1463.9								
			085	00150	02.85	34.62	27.62		1463.9								
			STO	00200	03.12	34.70	27.66	00.217	1466.0								
			DBS	00200	03.12	34.70	27.66		1466.0								
			STO	00250	03.54	34.79	27.69	00.239	1468.7								
			085	00250	03.54	34.79	27.69		1468.7								
			STO	00300	03.62	34.82	27.10	00-261	1470.0								
			085	00300	03.62	34.82	27.70		1470.0								
			Des	00370	04-03	34.89	27.72		1472.9								
			STO	00400	03.96	34.88	27.72	00.304	1473.1								
			085	00400	03.96	34.88	21.12		1473.1								
			JB 5	00450	03.91	34.87	27.71		1473.7								
			570	00500	03.99	34.89	21.12	00.347	1474.9								
			085	005 00	03.99	34.89	21.72		1474.9								
			5 T D	00600	03.99	34.90	27.73	00.390	1476.6								
			085	006 00	03.99	34.90	27.73		1476.6								
			DBS	00655	03.72	34.86	27.73		1476.3								
			STO	00700	03.68	34.87	27.74	00.433	1476.9								
			085	00700	03.68	34.87	27.14		1476.9								
			STD	00800	03.70	34.88	27.74	00.476	1478.7								
			DBS	00800	03.70	34.88	21.14		1478.7								
			\$10	00900	03.81	34.92	27.76	00.519									
			DBS	00900	03-81	34.92	27.76		1480.8								
			085	00904	03.80	34.92	27.76		1480.9								

Table VIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC SHERMAN, 5-7 August 1972, Prepared from NODC Listing No. 31-8311.—Continued

REFIO 31 8311 CONSEC 0013 LAT 48 35 N LONG 045 50 W	MUNT	1972 H 08 07	BOTUP 01134 SHIP 1H DATA USE 1 AREA 05	WET BARC	TEMP 07.5 8UL8 07.2 DMETR 1020.0 JO T/A		GT PER 2 2	WIND-OIR WIND-SPO WIND-FOR WEATHER	06	INST TRACE OURAT ORIG	OIR ION	00	0	5	N SQ 1 SQUARE SQUARE	84
CASTNUM/T THE	LVLTYP	0EP1H	TEMP	SAL	SIGMA-T	DYNOPIH	SNO VEL	OXYG	P ) 4	TOT P	NO.	2 NO3	s	103	PN	
	510	00000	09.70	33.79	26.08	00.300	1487.7									
07.2	085	00000	09.70	33.79	26.08		1487.7									
• • • • • • • • • • • • • • • • • • • •	510	00010	09.69	33.80	26.09	00.019	1487.9									
	085	00010	09.69	33.80	26.09		1487.9									
	510	00020	06.11	34.03	26.79	00.035	1474.6									
	510	000 30	03.74	34.20	27.20	00.046	1465 . 2									
	085	00030	03.74	34.20	27.20		1465.2									
	STO	00050	02.60	34.38	27.45	00.061	1460.9									
	085	00050	02.60	34.38	27.45		1460.9									
	510	00075	02.36	34.46	27.53	00.077	1460.3									
	085	00075	02.36	34.46	27.53		1460.3									
	STO	00100	02.71	34.58	27.60	00.090	1462.4									
	085	00100	02.71	34.58	27.60		1462.4									
	570	00125	03.18	34.70	27.65	00.102	1465.0									
	085	00125	03.18	34.70	27.65		1465.0									
	065	00141	03.46	34.73	27.65		1466.5									
	510	00150	03.46	34.73	27.65	00.114	1466 - 7									
	085	00150	03.46	34.73	27.65		1466.7									
	510	00200	03.71	34.82	27.69	00.136										
	085	00200	03.71	34.82	27.69		1468.7									
	510	00250	03.76	34.84	27.71	00.157	1469.7									
	085	00250	03.76	34.84	27.71		1469.7									
	510	00300	03.80	34.65	27.71	00.178	1470.8									
	085	00300	03.80	34.85	27.71		1470.8									
	510	00400	03.76	34.87	21.73	00.220										
	085	00400	03.76	34.87	27.73		1472-3									
	510	00500	03.68	34 - 87	27.74	00.261	1473.6									
	085	00500	03.68	34.87	27.74		1473.6									
	085	00544	03.71	34.88	27.74		1474.5									
	510	006 00	03.58	34.86	27.74	00.303										
	085	006 00	03.58	34.85	27.74		1474.8									
	510	00700	03.55	34.87	27.75	00.345	1476.3									
	065	00700	03.55	34.87	27.75		1476.3									
	510	00800	03.53	34.87	27.75	00.387	1477.9									
	065	00800	03.53	34.87	27.75		1477.9									
	510	00900	03.53	34.88	27.76	00.429	1479.6									
	085	00900	03.53	34.88	27.76		1479.6									
	STO	01000	03.59	34.90	21.77	00.471	1481.6									
	065	01000	03.59	34.90	27.77		1481.6									
	085	01020	03.64	34.90	27.77		1482-1									

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Table IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.

REF10 31 8327 CUNSEC 0001 LAT 47 02 N LUNG 047 59 W	YEAR I HUNTH DAY HOUR I	12 31	BOTOP 00146 SHIP 3L OATA USE 1 AREA US	HET BU	TR 1031.2	DIR H 33 58A CL/TR	GI PER 4 2	#IND-UIR #IND-SPO #INO-FUR WEATHER	25	TRACE OURAT		9 30 нО U	5 5	N 50 1306 SUUARE 4 SUUARE 66 SUUARE 77
CASTNUMZTIME	LVLTYP	OEPIH	TEMP	SAL	SEGMA-T	DYNOPTH	SND VEL	UXYG	PU4	101 P	NUZ	NO3	\$103	РН
15.9	UBS STO STO UBS STO STO UBS STO UBS STO STO STO STO STO STO STO ST	00000 00000 00010 00010 00020 00020 00030 00030 00050 00075 00075 00075 00075 00075	- 1.10 - 1.10 - 1.10 - 1.10 - 1.10 - 1.10 - 1.10 - 1.10 - 0.99 - 0.99 - 1.12 - 1.17 - 1.26	12 - 84 32 - 85 32 - 85 32 - 85 32 - 85 32 - 86 32 - 86 32 - 86 32 - 86 32 - 86 32 - 86 32 - 94 32 - 94 32 - 97 33 - 31 33 - 31	26.43 26.43 26.44 26.44 26.44 26.44 26.44 26.44 26.44 26.51 26.51 26.55 26.78 26.78 26.81	00.000 00.016 00.032 00.043 00.080 00.119 00.154 00.185	1441 - 3 1441 - 4 1441 - 4 1441 - 5 1441 - 5 1441 - 7 1442 - 7 1442 - 0 1443 - 1 1442 - 8 1443 - 1 1443 - 2 1443 - 2							
REF10 31 8327 CONSEC 0002 LAT 46 58 N LUNG 047 40 h	YEAR 1 MONTH DAY HOUR 0	01 01	BUIDP UULB2 SHIP 3L OATA USE L AREA 05	WET BU	MP -C6.7 JLB -00.7 :TR 1035.9	UIR H 36 SEA CL/TR	oT PER 5 2	WIND-OIR WIND-SPD WIND-FUR WEATHER		TRACE OURA 1	STO PEC DIR TON AZ OS6	Ū	5 2	N SO 1306 SQUARE 4 SQUARE 66 SQUARE 67
CASTNUM/TIME	LVLTYP	DEPIH	TEMP	SAL	SIGMA-F	UYNOPTH	SNO VEL	UXYG	PU4	FOT P	NO2	NO3	\$103	Рн
01.5	510 085 510 085 510 085 085 085 085 085 085 510 085 510	00000 00000 00010 00010 00020 00020 00030 00050 00050 00075 00075 00085 00085 00085 00100 00100 00125 00150 00150	- 1.42 - 1.43 - 1.37 - 1.21 - 1.15 - 1.15 - 1.15 - 1.15 - 1.12 - 0.97 - 0.97	32.96 32.96 32.96 32.96 32.96 32.96 32.96 32.96 32.96 32.96 32.97 33.06 32.97 33.06 33.97 33.09 33.16 33.33 33.49	26.53 26.53 26.53 26.53 26.53 26.53 26.53 26.53 26.53 26.53 26.53 26.54 26.61 26.63 26.63 26.65 26.65 26.65 26.65 26.65 26.65	00-000 00-015 00-030 00-045 00-075 CU-113	1441.1 1441.2 1441.0 1442.5 1442.9 1443.0 1443.0 1445.0 1445.0							
KEFIO 31 8327 CUNSEC 0C03 LAT 46 59 N LUNG 047 31 W	MUNTH	01 01	8UTOP 00215 5HIP 3L 0ATA USE 1 AREA 05	WET BI	MP -05.5 DL8 -05.5 ETR 1034.9	DIR H O3 SEA CL/IH	GT PER 5 2	WINO-OLR WIND-SPO WIND-FOR WEATHER	20	TRACE DUKAT		DROER D	5 5 2 S	SQUARE 4 SQUARE 66 SQUARE 67
CASTNUM/TIME	STU UBS STO UBS STU UBS STO UB	00000 00000 00010 00010 00020 00020 00030 00050 00050 00075 00100 00125 00125 00150 00150	TEMP  - 1.34 - 1.34 - 1.35 - 1.35 - 1.35 - 1.32 - 1.27 - 1.127 - 1.18 - 1.08 - C.98 - C.98 - C.98 - O.78 - O.78 - O.78	5AL 33.09 33.09 33.10 33.10 33.10 33.10 33.11 33.11 33.15 33.15 33.17 33.37 33.37 33.49 33.59 33.50 33.5	26.04 26.04 26.04 20.04 20.05	09-000 00-014 00-028 00-042 00-070 00-105 00-138 00-170 00-199	1440.4 1440.6 1440.6 1440.6 1440.8 1441.0 1441.0 1441.6 1441.6 1442.5 1443.4 1444.6 1446.6 1446.1	UXYG	r04	101 P	NO2	NO3	\$103	РН

Table IX.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.—Continued

REFLU 31 8927 CUNSEC 0004 LAT 47 00 N LUNG 046 56 W	MONT: DAY	1973 10 10 10 9.80	SHIP 3L OATA USE I AREA 05	#ET BARC	TEMP -03.9 SULB -03.9 DMETR 1034.9 JO T/A	UIR F 3U SEA CL/TR		WINO-DIR WINO-SPD WIND-FOR WEATHER	20	TH AC E	DIR	CUROER O	TEN SQ 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 76
CASTNUMITIME	LVLTYP	DEPTH	TEMP	SAL	Sluma-T	OYNOPTH	SND VEL	JXY G	PU 4	101 P	NJ2	NU3	SIU3 PH
	STD	00000	- 1.03	33.25	26.76	00.000	1442-1						
08.9	บคร	00000	- 1.03	33.25	20.76		1442.1						
	STO	00010	- 1.04	33.24	26.75	00.013							
	UB S	01010	- 1.04	33.24	26.75		1442.2						
	510	00020	- 1.04	33.23	26.74	00.026							
	OB S	00020	- 1.04	33.23	26.74		1442.3						
	STD	000 30	- 1.03	33.26	26.11	00.039							
	OBS	04030	- 1.03	33.20	20.17		1442.6						
	J85	00039	- 1.04	33.33	26.82		1442.8						
	STO	UUU50	- 0.68	33.43	26.85	00.064							
	UBS	00050	- 0.68	33.43	26.85		1444.8						
	OBS	J0669	- 0.57	33.50	26.94		1445.7						
	STU	00075	- 0.57	33.50	20.94	00.092							
	CB 5	00075	- 0.57	33.50	25.94		1445.8						
	UBS	000B7	- 0.57	33.59	21.02		1446.1						
	STO	00100	- 0.29	33.64	27.04	00.119							
	08.5	00160	- 0.29	33.64	27.04		1447.7						
	STU	00125	- 0.21	33.64	27.04	00.145							
	0.85	00125	- 0.21	33.64	27.04		1448.5						
	510	00150	- 0.18	33.67	27.06	00.170							
	08.8	00150	- 0.18	33.67	27.06		1449.1						
	STD	00200	01.26	34.05	27.29	00.215							
	DBS	00200	U1.26	34.05	27.29		1457.0						
	085	00221	01.07	34.21	27.43		1456.7						
	STD	00250	01.65	34.31	27.47	00.251	1459.9						
	UBS	U0250	01.65	34.31	27.47		1459.9						
	STO	00300	02.29	34.49	27.56	00.280							
	UBS	00100	02.29	34.49	27.56		1463.8						
	STO	00400	03.57	34.72	27.63	00.333							
	uBS	00400	03.57	34.72	27.63		1471.3						
	UBS	00452	04.07	34.83	27.67		1474.4						
	STO	00500	04.13	34.86	27.68	00.362							
	09.2	CU5 UU	04.13	34.86	27.68		1475.5						
	085	00580	04.19	34.90	27.71		1477.1						

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Table 4X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.—Continued

REFIO 31 8327 CONSEC 0005 LAT 47 02 N LONG 046 50 H	YEAR MONTH OAY HOUR	01	BOTOP OILLS SHIP 3L OATA USE II AREA 05	#ET BARC	TEMP -G1.7 BUL8 -C1.7 HETR 1034.9	DIH H 31 SEA (L/TR		WINO-DIR WIND-SPD WIND-FUR WEATHER		T∺ AC E OURAT		0	5	EN SQ 1 SQUARE SJUARE SQUARE	66
CASTNUM/TIME	L V L T YP	0 <b>EPT</b> H	TEMP	SAL	SIGMA-T	OYNUPTH	SNU VEL	JXY G	P.)4	TOT P	N02	NO3	S EU 3	РН	
	STO	00000	01.58	33.62	26.92	00.000	1454.5								
13.7	OBS STO	00000	01.58 01.58	33.62 33.61	26.92 26.91	00.011	1454.5								
	ORZ	01000	01.58	33.61	26.91		1454.7								
	\$10 UB\$	00020	01.58 01.58	33.01 33.61	26.91 26.41	00.023	1454.d 1454.8								
	STO UBS	00030 00030	01.57	33.61	26.91 26.91	00.034	1454.9								
	OBS	00037	01.54	33.65	26.95		1450.0								
	5 <b>1</b> 0	00050	01.39	33.00 33.00	26.9E 26.98	00.057	1454.6								
	08 S S T O	00065	00.71	33.74 33.77	27.07 27.09	00.383	1451.3 1452.8								
	UBS	00075	00.87	33.77	27.05		1452.8								
	STO OBS	00100	00.84	33.80 33.80	27.11 27.11	00.107	1453.1 1453.1								
	1185	00115	01.13	33.84	27.13	06 110	1454.7								
	STO UBS	00125 00125	01.35	33.96 33.96	27.21 27.21	06.130	1456.0								
	08 S	00134 00141	01.53 02.67	34.01 34.35	27.24 27.42		1457.0								
	sto	00150	03.18	34.46	27.46	00.149	1465.1								
	OBS STO	00150 00200	63.18 04.32	34.46 34.78	27.46 27.60	00.179	1465.1								
	uBS STO	00200 00250	04.34	34.78 34.82	27.60 27.63	00.203	1471.2								
	OBS	00250	04.34	34.82	27.63		1472-2								
	STO OBS	00300	04.28 04.28	34.85 34.85	27.66 27.66	00.223	1472.8								
	08 S	00320 00360	04.32 04.12	34.87 34.86	21.67 27.68		1475.3 1475.1								
	STO	00400	04.04	34.67	27.7C	00.274	1473.4								
	085 \$10	004 00 005 00	04.04	34.87 34.89	27.70 27.72	00.317	1473.4								
	08 S S T Q	00500	03.46	34.89	21.12		1474.8								
	UBS	00600	03.97	34.91 34.91	21.14 21.14	00.360	1476.5								
	\$ <b>1</b> 0 0 <b>8</b> 5	00700	04.03	34.92 34.92	21.14 21.14	00.403	1478.4								
	STO	00800	03.44	34.92	27.75	00.446	1474.7								
	185 510	00900	03.68	34.92 34.91	21.75 21.75	00.490	1479.7								
	JUS STO	01000	03.88 03.68	34.91 34.90	21.15 21.16	00.533	1481.1								
	UBS	01000	03.66	34.40	27.76	00.733	1461.7								
	na s	01062	03.68	34.90	21.76		1483.0								
					*****	• • • • • • • •									
REF1U 31 8327 CUNSEC 0006		1973 H 01	80 TOP 0067 SHIP 3L		TEMP -00.6		GT PER	WIND-OLR WIND-SPO		INST 7R AC I	STO RE	CORDER		TEN SO	
LAT 47 00 N	OAY	01	UATA USE	1 8ARC	META 1032.2	? SEA		wind-fur		DURA	TION		ä	SOUAR	E 66
LONG 046 34 W	HOUR	16.8	AREA O	5 CLOU	JO 1/A	CL/1		WEATHER	ХI	ORIG	A2 05	6		SOUAR	£ /6
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-I	OYNOPTH	SNO VEL	DAYG	P04	TOF P	NO2	N03	\$10	<b>Р</b> Н	
16.8	\$10 085	00000	01.79 01.79	33.40 33.40	26.73 26.73	00.000	1455.1								
	510	00010	01.79	33.40	26.73	00.013	1455.3								
	08 S S T O	00010	01.79 01.78	33.40 33.40	26.73 26.73	00.026	1455.3								
	JBS STO	00020	01.78 01.79	33.40 33.43	26.73 26.75	00.040	1455.4								
	UB 5	00030	01.79	33.43	26.75		1455.7								
	STD OBS	00U50 00U50	01.79 01.79	33.66 33.66	26.94 26.94	00.064	1456.3								
	STO 085	00075	01.80	33.84 33.84	27.08 27.08	00.090	1457-0								
	510	00100	01.79	34.23	27.39	00.112	1457.9								
	085 UBS	00100 00108	01.79 01.79	34.23 34.45	27.39 27.57		1457-9 1458-4								
	STO OBS	00125 00125	02.60	34.47 34.47	27.52 *	00.128	1462-2								
	STO	00150	03.47	34.59	21.54	00.142									
	UBS STO	00150 00200	03.47 04.02	34.59 34.72	27.54 27.58	00.170	1466.5								
	085 085	00200 00208	04.02 04.13	34.12 34.16	27.58 27.60		1469.9								
	STO	00250	04.21	34.81 34.81	27.63	00.195	1471-6								
	STO	00250 00300	04.21 04.27	34.86	27.63 27.67	00.219	1472.7								
	085	00300	04.27	34.66	27.67		1472-7								
	510	00400	04.34	34.93	27.71	00.264	1475-0								
	OBS	00400	04.34	34.93	27.71 27.71		1475-0								
		00400	04.34		27.71		1475-0								

Table 1N.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31-8327.—Continued

REFIO 31 8327 CONSEC 0007 LAT 47 02.5N LONG 046 14 M	MONT	1973 H 01 01 18.3	BOTOP 00329 SHIP 3L OATA USE 1 AREA 05	WET BAR	TEMP -00.6 BULB -00.6 EMETR 1031.8 JO T/A	OIR F 34 SEA CL/TR		WIND-OIR WIND-5PO WIND-FOR WEATHER	14	TRACI		0	5	N SO L SOUARE SOUARE SOUARE	66
CASTNUM/TIME	LVLTYP	ОЕРТН	TENP	SAL	SIGMA-T	OYNOPTH	SNO VEL	O X Y G	P34	TOT P	ND2	NO3	5103	PH	
	STD	00000	02.56												
18.3	085	00000	02.56												
	OBS	00005	02.56												
	STO	00010	02.56												
	085	00010	02.56												
	\$10	00020	02.57												
	085	00020	02.57												
	STD	00030	02.56												
	085	00030	02.56												
	510	00050	02.56												
	085	00050	02.56												
	5 TO	00075	02.63												
	085	00075	02.63												
	085	00088	02.59												
	085	00094	03.36	34.29	27.31		1464.7								
	STO	00100	03.21	34.29	21.32		1464.2								
	085	00100	03.21	34.29	27.32		1464.2								
	085	00105	03.22	34.33	21.35		1464.4								
	08.5	00109	02.88	34.29	27.35		1462.9								
	085	00113	03.43	34.45	27.43		1465.6								
	STD	00125	03.51	34.48	21.44		1466.1								
	085	00125	03.51	34.48	27.44		1466.1								
	085	00136	04.09	34.59	27.47		1468.9								
	510	00150	04.01	34.61	27.50		1468.8								
	085	00150	04.01	34.61	27.50		1468.8								
	085	00155	03.94	34.60	27.50		1460.6								
	085	00159	04.07	34.65	21.52		1469.3								
	510	00200	04.31	34.78	21.60		1471.1								
	085	00200	04.31	34.78	21.60		1471 .1								
	510	00250	04.34	34.82	21.63		1472.1								
	OBS	00250	04.34	34.82	27.63		1472.1								
	085	00276	04.33	34.85	27.65		1472.6								

REFID 31 8327 CONSEC 0008 LAT 47 02 N LONG 045 51.5W	YEAR MONTH DAY HOUR	01 01	SHIP 3L OATA USE 1 AREA 05	WET BAR	TEMP 00.0 BUL8 00.0 DMETR 1031.8 JO T/A		GI PER 2 2	WIND-OIR WIND-SPO WINO-FOR WEATHER	18	TRACE DURA		D	5	N SO 1 SQUARE SQUARE SQUARE	64
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	S I GMA-T	DYNOPTH	SND VEL	UXY G	PU4	TOT P	NO 2	NO3	5103	PH	
	STD	00000	02.51												
20.3	085	00000	02.51												
	570	00010	02.51												
	OBS	00010	02.51												
	SID	00020	02.51												
	085	00020	02.51												
	510	00030	02.50												
	085	00030	02.50												
	510	00050	02.50												
	08.5	00050	02.50												
	08 5	00063	02.71												
	510	00075	02-84	34-12	27.22		1461.9								
	280	00075	02.84	34.12	27.22		1461.9								
	085	000 B3	02.94	34.21	27.28		1462.6								
	510	00100	03.17	34.37	27.39		1464.1								
	085	00100	03.17	34.37	27.39		1464.1								
	510	00125	03.39	34.45	27.43		1465.6								
	085	00125	03.39	34.45	27.43		1465.6								
	510	00150	03.64	34.55	21.49		1467.2								
	082	00150	03.64	34.55	21.49		1467.2								
	STO	00200	03.86	34.66	27.55		1469-1								
	085	00200	03.86	34.66	21.55		1469.1								
	510	00250	04.07	34.81	27.65		1471-0								
	085	002 50	04.07	34.81	27.65		1471.0								

Table 1N. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 31 December 1972-1 January 1973, Prepared from NODC Listing No. 31 8327. Continued

REF10 31 8327 CONSEC 0UD9 LAT 47 20 N LUNG U45 50 W	MONT DAY	1973 H 01 01 22-5	BOTOP 00311 SHIP 3L DATA USE 1 AREA 05	WET BAR	TEMP 01.1 8ULB 01.1 OMETR 1028.1 UD T/A	DIR H 36 SEA CL/TR		WIND-OIR WIND-SPD WIND-FOR WEATHER	18	TRACE		0	\$ 2	N 5Q L SQUARE SQUARE SQUARE	64
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	51GMA-T	OYNOPTH	SNO VEL	OXY G	P04	TOT P	NO2	NO3	\$103	РН	
	510	00000	02.49	33.23	26.54	00.000	1458.0								
22.5	085	00000	02.49	33.23	26.54		1458.0								
2200	510	00010	02.50	33.23	26.54	00.015									
	085	00010	02.50	33.23	26.54		1458.2								
	STO	00020	02.50	33.23	26.54	00.030	1458.4								
	085	00020	02.50	33.23	26.54		1458.4								
	STO	00030	02.49	33.23	26.54	00.045	1458.5								
	085	000 30	02.49	33.23	26.54		1458.5								
	STO	00050	02.49	33.22	26.53	00.075	1458.8								
	085	00050	02.49	33.22	26.53		1458.8								
	510	00075	02.50	33.23	26.54	00.113	1459.3								
	085	00075	02.50	33.23	26.54		1459.3								
	510	00100	02.50	33.23	26.54	00.151	1459.7								
	08.5	00100	02.50	33.23	26.54		1459.7								
	085	00110	02.58	33.35	26.63		1460.4								
	085	00114	02.67	33.70	26.90		1461.3								
	510	00125	02.75	33.97	27.11	00.182	1462.2								
	280	00125	02.75	33.97	27.11		1462-2								
	085	00135	03.22	34.43	27.43		1465.0								
	510	00150	03.51	34.57	27.52	00.201	1466.7								
	085	00150	03.51	34.57	27.52		1466.7								
	085	00175	03.88	34-69	27.57		1468.8								
	STO	002 00	04.18	34.75	27.59	00.229	1470.6								
	085	00200	04.18	34.75	27.59		1470-6								
	085	00215	04.13	34.76	27.60		1470.6								
	085	00228	04.22	34.81	27.63		1471.3								
	STO	00250	04.25	34.84	27.65	00.254	1471.8								
	085	00250	04.25	34.84	27.65		1471 .8								
	085	00282	04.17	34.86	27.68		1472.0								
					27.68		1472.0								

Table X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.

4cF1D 31 2137 COMSEC 0001 LAT 43 55 N LUNG 043 41 A	I AUM VAU	1472 5 05 08 08.5	BUTUP 04687 SHIP HT UATA USE 1 AKEA 05	AIR 1 HET C BAHON CLOU	OULB 15.1 METR 1011.1	DIR H O6 SEA CL/IR	ST PER	WIND-DIK WIND-SPO WIND-FUR WEATHER		TRACE OUKAT			5 S 2 S	SQ 1306 SQUARE 1 SQUARE 22 SQUARE 33
(ASTNUM/TIME	LVLTYP	UEFTH	TEMP	SAL	SIGMA+T	нұчОмұи	SNJ VEL	UXYG	PU4	TOT P	N02	NO3	S [ U 3	РН
09.5	\$10 045 \$10 \$10 UBS \$10	00000 00000 00020 00023 00030	17.81 17.81 17.65 17.90 17.91 13.84	32.93 32.927 33.10 33.44 33.515 33.61	23.75 23.75 23.93 24.12 24.10 25.17	00.000 00.041 00.080 00.113	1513.5 1513.5 1514.1 1514.7 1514.6 1502.4							
03.5 08.5 08.5	385 \$10 UdS \$10 UdS	00046 00050 00068 00075 00091	09.34 10.59 14.05 13.66 13.37	34-141 34-51 35-581 35-57 35-530	26.44 26.49 26.64 20.66 20.75	00.157	1492.7 1506.2 1505.7 1504.3							
06.5	510 510	00100 00125 00135	13.21 12.21 11.57	35.49 35.31 35.197	26.75 26.81 20.84	00.260	1503.8 1500.6 1498.4							
08.5	S10 Jas S10 S10	00150 100183 00200 00250	09.57 06.62 07.19 08.18	34.86 34.372 34.51 34.78	26.93 27.00 27.03 27.09	00.291 00.347 00.400	1491 •1 1479 • 7 1482 • 4 1487 • 4							
08.5 08.5	085 STU 385 STU	00268 00300 00352 00400	C8.30 07.83 07.14 06.56	34.828 34.79 34.749 34.76	27-11 27-15 27-22 27-31	00.450	1488.2 1486.9 1485.0 1483.6							
0 d. 5 0 8. 5	510 085 085 510	00500 100519 00600 00680 00700	05.69 05.57 05.43 05.25 05.18	34.61 34.617 34.90 34.949 34.95	27.46 27.48 27.56 27.63 27.64	00.615	1481.6 1481.6 1482.5 1483.2							
08.5 08.5	STD Ues Ues STD	00800 100848 101292 01300	04.85 04.72 04.19 04.18	34.95 34.95 34.965 34.96	27.68 27.69 27.76 27.76	00.793	1483.6 1483.8 1489.0 1489.1							
11.2	STO STO STO OBS STO	01400 01500 01750 01673 02000	04.08 03.99 03.77 03.67 03.59	34.96 34.96 34.95 34.950 34.95	27.77 27.78 27.79 27.80 27.81		1490.4 1491.7 1495.0 1496.6 1498.5							
11.2	085 \$10	102339 02500	03.37 03.26	34.937 34.94	27.82 27.83		1503.3							
11.2	085 510 085	102794 03000 103265	03.03 02.82 02.61	34.931 34.93 34.920	27.85 27.87 27.88		1509.7 1512.3 1516.0							
11.2	085	103734	02.40	34.899	27.88		1523.3							
					*****	*******	•							
REFID 31 2137 CUNSEC 0002 LAT 43 37 N LUNG 044 38 H	MONT	R 1972 IH 09 UK R 17•9	UUTOP U4654 SHIP HT OATA USE 1 AREA O5	Alrei #ET : dA(45) CLUU(	3ULB 15.0 4ETR 1010.7		GT PER 5 4	WIND-OIR WIND-SPU WIND-FUR WEATHER	15	TRACE CURAT			5 5	N SO 1306 SQUARE 1 SQUARE 24 SQUARE 34
LASTNUM/T [ME	LALIAb	оветн	TEMP	SAL	SIGMA-T	HTGGAYL	SNO VEL	UXYG	P()4	TOT P	NOZ	NC3	S to 3	РН
17.9	STO 085 STO STO	00000 00000 00010 00020	19+04 19+04 16+65 14+53	33.24 33.29 33.33	23.69 23.69 24.30 24.31	00.000 00.039 00.073	1517.4 1517.4 1510.6 1504.2							
17.9 17.9	08 S S T O	00022 00030	14.14 12.27	33.344 53.95 34.727	24.90 25.74	00.100	1502.9 1497.0 1492.7							
17.9	085 STO UBS	00044 00050 00066	10.54 11.01 11.7>	34. 70	26.66 26.71 20.82	00.136	1454.7							
17.9	085	00075 00088 00100	11.66 11.53	35.27 35.283 35.07	20.08 26.92 26. <del>9</del> 9	00.168	1497-9							
17.9	\$10 \$10 \$80	00125	10.1d 07.81 07.33	34.70 34.629	27.09 27.10		1483.8							
17.9	S10 UBS	00150 30180	06.10	34.46 34.301	27.14		1477.2							
17.9	\$10 \$10 08\$	00200 00250 00267	04.78 04.86 04.88	34.36 34.50 34.546	27+22 27+32 27+35	00.294	1472.5 1473.9 1474.3							
11.7			04.91	34.62	27.41	00.374	1475.1							
17.9	STO	00300	04.95	34.761	27.51		1476.3							
17.9 17.9	SID	00355 00400 00447	04.95 05.65 05.92	34.761 34.95 35.053	27.51 27.58 27.63	00.438	1480.2 1482.2							
	STO 085 STO 085 STO 085	00355 00400 00447 00500 100534	04.95 05.65 05.92 05.42 05.16	34.95 35.053 35.01 34.986	27.58 27.63 27.65 27.67	00,492	1480.2 1482.2 1481.0 1480.5							
17.9 17.9 17.9	\$10 085 \$10 085 \$10 085 \$10 \$10 \$10 \$10	00355 00400 00447 00500 100534 00600 00700 100709 00800	04.95 05.65 05.92 05.42 05.16 04.91 04.62 04.60	34.95 35.053 35.01 34.986 34.98 34.96 34.96 34.963	27.58 27.63 27.65 27.67 27.69 27.71 27.71		1480.2 1482.2 1481.0 1480.5 1480.5 1481.0 1481.0							
17.9	\$10 085 \$10 085 \$10 085 \$10 \$10	00355 00400 00447 00500 100534 00600 00700 100709	04.95 05.65 05.92 05.42 05.16 04.91 04.62 04.60	34.95 35.05 35.01 34.986 34.98 34.96 34.96	27.58 27.63 27.65 27.67 27.69 27.71	00.492 00.542 00.590	1480 .2 1482 .2 1481 .0 1480 .5 1480 .5 1481 .0							

REFID 31 2137 CONSEC 0003 LAT 43 45 N LUNG 044 25 H	PONT OAY	1972 H 09 U6 23.1	BOTOP 04358 SHIP HT DATA USE 1 AREA 05		UL8 16.2	OIR HO OS SEA CL/TR	51 РЕН 5 4	HIND-DIR HIND-SPO HIND-FUR HEATHER	25	TRACE			5 SQUI 2 SQUI	1 1306 ARE 1 ARE 24 ARE 34
CASTNUM/TIME	LVLTYP	оеитн	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	UXY G	PJ4	IOT P	NO2	N03	\$103 P	h
	STU	00000	19.17	34.44	24.57	00.000	1519.2							
23.1	UBS	00000	19.17	34.438	24.57		1519.2							
	STO	00010	17.53	34.32	24.89	00.032	1514->							
	510	00020	10.01	34.21	25.16	00.062	1509.9							
23.1	985	00327		34.150										
	510	00033	14-61	34.37	25.59	00.088	1505.9							
	STO	00050	12.19	35.33	20.83	00.125	1499 . 4							
23.1	U8 5	00050	12.19	35.328	26.83		1499.4							
	STO	00075	09.83	34-89	20.92	00.155	1490.7							
ا و ف	005	00076	09.63	34.874	26.94		1490.2							
	STU	00100	09.16	34,93	27.06	00.182	1488.9							
23.1	085	30100	09.10	34.933	27.36		1488.9							
	STO	00125	08.08	34.77	27.10	00.207	1485.0							
	STO	00150	07.30	34.00	27.13	00.232	1482 - 2							
23.1	U8 S	00150	07.30	34.654	27.13		1482.2							
	510	00200	06.44	34.63	27.20	00.279	1480.4							
23.1	085	100200	06.64	34.631	27.20		1480.4							
	\$10	00253	06.60	34.75	27.30	00.322	1481.3							
23.1	OHS	00253	06.26	34-805	27.39		1480.8							
	510	00300	36.21	34.00	27.39	106.00	1480.6							
23.1	J85	100395	04-64	34-720	27.52		1475.7							
	STO	00400	04.63	34.73	21.52	00.429	1475.7							
23.1	085	00440	04.62	34.868	27.64		1477.3							
	510	00530	04.66	34.08	27-64	00.486	1477.7							
23-1	J85	100583	04.83	34.961	27.09		1479.9							
	\$10	00000	04.73	34.95	27.69	00.536	1479.7							
	5 T U	00700	04.26	34.91	27.71	00.583	1479.4							
23.1	υ8 S	130172	04.08	34.900	21.12		1479.8							
	STD	00800	04.10	34.91	27.73	00-629	1480-4							
	STU	00900	04-16	34.94	27.74	00.675								
23.1	J8 5	100755	04.18	34.954	27.75		1483.3							
23.1	082	1014JB	03.45	34.442	27.78		1490.0							
					••••	••••••	•							

REFIU 31 213 CUNSEC 000 LAT 44 01 1 LUN: 045 55	4 MÖNT N DAY	1972 1 09 09 04-1	BOTOP 04J41 SHIP HT UATA USE I AREA 05			US SEA		MINO-DIR MINO-5PO MINO-FOR WEATHER	21	TRACE OURAT			<b>5</b> 2	N SQ I SQUARE SQUARE SQUARE	44
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	UYNOPTH	SNO VEL	OXY G	4ر م	TOT P	NOZ	NO3	\$103	Рн	
	510	00000	19.65	34.24	24.30	00.000	1520.3								
04.1	085	00000	19.65	34.244	24-30		1520.3								
	5TU	00010	12.66	31.82	25.57	00.330	1458.4								
	STO	00020	08.51	33.40	25.97	00.053	1483.1								
04.L	685	00025	07.49	33.193	25.95		1479.0								
	STU	30030	09.15	33.04	26.15	00.372	1486.2								
	\$10	00050	13.04	35.40	26.71	CJ.104	1502-3								
04.1	08.5	00050	13.04	35.400	66.71		1502.3								
	SIL	30015	11.05	35.20	20.87	00.136	1497.9								
04.1	U 85	00075	11.68	35.264	20.87		1497.9								
	STU	00100	10.15	34.44	26.93	00.166	1492.6								
0-1	じきち	36100	10.15	34.480	20.93		1492.6								
	STO	30125	09.20	34.94	27.05	00.193	1489.7								
	STU	00150	08.92	34.69	21.07	00-219	1488.7								
01	0.85	00150	08.92	34.895	27.07	_	1488.7								
•	510	OUL CU	10.03	35.25	27.16	UC. 269	1494.1								
U4.1	OB S	100205	10.07	35.27 1	21.17	_	1494.4								
	510	00250	09.31	35.20	27.24	00.315	1492.2								
	\$10	00300	08.00	35.07	21.54	00.357	1400.2								
04.1	U#5	00305	07.91	35.050	21.35	-	1487.7								
	STO	00400	04.13	34.03	21.50	00.429	1473.5								
04.1	162	100405	04.05	34.628	27.51		1473-2								
	510	00500	05-01	34.92	21.04	03.486	1479.2								
04.1	118.5	00510	05-06	34.443	21.64		1479.0								
	STD	00600	05.05	34.99	27.68	00.537	1481 - 1								
04.1	U9.5	100610	05.05	34.442	27.68		1481.3								
	510	00/00	04.90	35.01	27.10	00.566	1482.5								
	STO	00403	04.84	35.02	27.73	00.634	1483.6								
0.1	JBS	TJUBLO	04.82	35.022	21.13		1483.7								
	510	00400	04.57	3>.00	27.74	00.680	1484.1								
	STO	01003	04.32	34.97	21.15	00.726	1484.7								
04.1	URS	701015	34.49	34.970	21.15		1484.8								
0+.1	105	101525	03.72	34.430	21.19		1491.0								
04.1	,,,		0		2111		. 471.40								

Table X.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8–10
September 1972, Prepared from NODC Listing No. 31–2137.—Continued

REF19 31 2137 CUNSEC 4005 LAT 44 07 N LUNG 046 32 W	MUNT Day	1972 H 09 04 08-6	BOTOP 03886 SHIP HT DATA USE 1 AKEA 05	AIR I WET H DAPON CLOUD	BULB 14.7 ETK 1010.0		GT PER	HIND-UIR HIND-SPD HIND-FGR WEATHER		TRACE DURAT			5	N 50 1306 SQUARE 2 SQUARE 46 SQUARE 46
CASTNUM/TIME	LVLTYP	огын	TEMP	SAL	STUMA-T	HTGGNYU	SND VEL	UXYG	P)4	101 р	ND2	NU3	5103	РН
	510	00000	17.19	32.99	43.45	03.000	1511.7							
3.66	085 510	36030 80010	17.19	32.992 32.97	23.45	03.039	1511.7 1511.0							
	510	00020	16.01	32.95	24.00	00.034	1510.2							
08.6	085 STD	00024	16.50 13.22	32.940	24.08 25.09	00.112	1509.9							
00.6	D85	00049	06.56	34.175	20.85		1477.0							
06.6	51D 085	00050	06.53 06.24	34.18	26.86 27.00	00.153	1476.9							
	STU	00075	06.30	34.33	27.00	00.182	1470.6							
08.6	685 510	00100	06.86 06.87	34.513 34.52	21.08 21.08	00.208	1479.5							
04.6	510 085	00125 00146	06.99 07.10	34.665	27.15	00.232	1480.6							
33.5	510	UO1 50	06.98	34.66	27.17	00.256	1481.0							
4.60	STD UBS	00200 100200	05.85 05.85	34.60 34.597	21.21 21.21	00.300	1477.2							
	STD	00250	05.82	34.73	27.38	00.339	1478-1							
08.6	085 510	00300	05.80 05.77	34.811 34.81	27.45 27.45	00.574	1478.9							
08.6	985 510	106346 00400	04.85 04.85	34.617 34.82	21.51 21.51	00.437	1476.7							
09.6	<b>JBS</b>	00-98	04.85	34.921	27.65		1478.5							
08.6	510 045	00533 130596	04.86 05.09	34.92 35.007	27.65 27.65	00.491	1478.6							
	510	00600	05.08	35.01 34.98	27.69 27.71	00.540 00.588	1481 -2							
08.6	082 \$10	00700 160791	04.75 04.52	34.965	27.72		1481.5							
	510 510	00900	04.51 04.37	34.96 34.96	21.12 21.14	00.635	1482.1							
08.6	D85	100491	04.26	34.962	27.15		1484.3							
08.6	085	101490	03.77	34.929	21.18		1490.6							
					•••••	*******	•							
FEFTO 31 2137 CUNNEL 0006 Lat 44 16 N LU46 047 10 W	MUNT DAY	H 09 09 09 E2.5	BUTOP U3882 SHIP HT UATA USE 1 AREA U5			95	:GT PER 5 4	MIND-OIR MIND-FUR MIND-FUR WEATMER	25	TRACE DURAT			5	EN SQ 1306 SQUARE 2 SQUARE 46 SQUARE 47
CUNSEC 0006 Lat 44 16 N LU46 047 10 W	MUNT DAY	99 09	SMIP HT UATA USE 1	WET BAKO	BULS 13.7 METR 1011.7	95 5EA	5 4	AIND-SPD AIND-FUR	25	TRACE DURAT	DIR		5	SQUARE 2 SQUARE 46
CUNSEC 0006 Lat 44 16 N LU46 047 10 W	MUNT DAY HUUH	H 09 09 E2.5	SHIP HT UATA USE 1 AREA US  TEMP 16.97	WET BAKÜ ÇLGU	BULB 13.7 METR 1011.7 U T/A 7/8	95 SEA CL/TE	5 4	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CHSTNUM/T14E	MUNT HOUR LVLTYP STD UBS STO	09 09 12.5 UEPTH 00000 00000 00010	SMIP HT UATA USE 1 AREA US TEMP 16.97 10.97 17.74	WET BAKO CLGU SAL 33.10 33.102 33.498	BULB 13.7 METR 1011.7 0 T/A 7/8 SIGMA-T 24.05 24.09 24.07	00.000	5 4 5NU VEL 1511.2 1511.2 1514.7	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CHSTNUM/T14E	MUNT DAY HOUR LVLTYP STD UBS STO STO OBS	H 09 09 12.5 UEPTH 00000 00000 00010 00021	SMIP HI UATA USE 1 AREA US TEMP 16.97 10.97 17.74 18.50 18.58	SAL 33.10 33.102 33.49 34.41 34.435	BULB 13.7 METR 1011.7 O I/A 7/8 SICMA-T 24.05 24.09 24.57 24.72	00.000 00.036	5 NU VEL 1511.2 1511.2 1514.7 1517.6	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC 0006 LaT 44 16 N LU-46 047 10 W CASTNUM/T14t	MUNT DAY HOUR LVLTYP STD UBS STO STO	H 09 09 12.5 UEPTH 00000 00010 00010 00029	TEMP 16.97 17.74 18.50	WET BAKO CLGU SAL 33.10 33.102 33.48 34.41	BULB 13.7 METR 1011.7 O I/A 7/8 SIGMA-T 24.09 24.09 24.57 24.12	00.000 00.036	5 NU VEL 1511.2 1511.2 1514.7 1517.6	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LeT 44 16 N LUM6 047 10 W CASTNOM/TIAL 12.5	MUNT DAY HOUN SID GBS SID GBS SID UBS SID UBS SID	H 09 02 12.5 UEPTH 00000 00010 00021 00021 00021 00050	SMIP HT UATA USE 1 AREA US  TEMP 16.97 10.97 17.74 18.50 18.54 11.67 05.45 06.61	SAL 33.10 33.102 33.498 34.41 34.435 34.17	BULB 13.7 METR 1011.7 O T/A 7/8 SIGMA-T 24.05 24.09 24.57 24.72 24.72 26.03	00.000 00.036	SNU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1495.8	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LeT 44 16 N LUM6 047 10 W CASTNOM/TIAL 12.5	MUNT DAY HOUN LVLTYP STD U4S STD STD U8S STD U8S STD U8S STD U8S	H 09 02 02 12.5 UEPTH 00000 00000 00021 00029 00021 00042 00042 00053 00045	TEMP 16.97 10.97 17.74 18.50 18.56 11.67 03.45 06.61 09.09 09.47	SAL 33.10 33.102 33.498 34.41 34.435 34.17	BULB 13.7 METR 1011.7 O T/A 7/8 SIGMA-T 24.05 24.09 24.57 24.72 24.72 26.03	00.000 00.036	SNU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1495.8	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LET 44 16 N LU-46 047 10 W CASTNOM/T14E 12.5 12.5	MUNT DAY HOUR STD UBS STO UBS STD UBS STD STD	H 09 02 12.5 UEPTH UUCOO 00900 UUU10 UUU29 00021 UUU30 00042 00042	SMIP HI UATA USE 1 AREA U5  TEMP 16.97 10.97 17.74 18.50 18.50 18.50 18.50 00.61 09.09	SAL 33.10 33.102 33.498 34.41 34.435 34.17	BULB 13.7 METR 1011.7 O T/A 7/8 SIGMA-T 24.05 24.09 24.57 24.72 24.72 26.03	00.000 00.036	SNU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1495.8	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LET 44 16 N LU-46 047 10 W CASTNOM/T14E 12.5 12.5	MUNT HOUSE STD UBS STD	9 09 09 09 12 5 5 12 5 5 12 5 5 12 5 5 12 5 5 12 5	TEMP  16.97 10.97 17.74 18.50 18.58 11.67 05.45 06.61 09.09 09.47 09.19 08.77	SAL 33.10 33.102 33.498 34.41 34.435 34.17	BULB 13.7 METR 1011.7 O T/A 7/8 SIGMA-T 24.05 24.09 24.57 24.72 24.72 26.03	00.000 00.036	SNU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1495.8	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBT 44 10 N CASTNOM/TIAE 12.5 12.5 12.5	MUNT HOUSE H	8 09 09 12.5  UEPTH 00000 00000 00001 00021 00030 00042 00042 00042 00100 00125 00150 00125 00150 00150	TEMP 16.97 10.97 17.74 18.50 18.58 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.13 07.09	MET BAKU CLCU 5AL 33.10 33.10 34.43 34.43 34.43 34.43 34.43 34.35	BULG 13-7 METR 1011-7 U 1/A 7/8 SIGMA-T 24-09 24-09 24-57 24-72 24-72 26-03 26-74	00.000 00.036	5 NU VEL 1511.2 1511.1 1514.7 1517.6 1517.8 1495.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBT6 047 10 W CASTNOM/114E 12.5 12.5 12.5	MUNT DAY HOUSE STD UBS STD STD UBS STD STD UBS STD	9 09 09 09 12.5  UEPTH  UUCUO 00021 00042 00042 00042 00042 00042 00042 00042 00042 0007 0007	SMIP HI UATA USE 1 AREA US  TEMP 16.97 10.97 17.74 18.50 18.58 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.77	SAL 33.10 33.102 33.498 34.41 34.435 34.17	BULB 13.7 METR 1011.7 O T/A 7/8 SIGMA-T 24.05 24.09 24.57 24.72 24.72 26.03	00.000 00.036	SNU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1495.8	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBT6 047 10 W CASTNOM/T14t 12.5 12.5 12.5 12.5	MUNITED HOUSE HOUS	8 09 07 12.5  UEPTH 00000 00000 00010 00021 00042 00042 00075 00042 00100 00125 00150 00200 00247 00250 00300	TEMP  16.97 10.97 17.74 18.50 18.58 11.67 00.61 09.09 09.47 09.19 08.77 08.13 07.09 06.37 06.33 05.87	MET BAKU CLCU 5AL 33.10 33.10 34.43 34.43 34.43 34.43 34.43 34.43 34.43 34.43 34.43 34.43 34.43 34.43 34.43 34.43	BULG 13-7 METR 1011-7 0 1/A 7/8 SICMA-T 24-09 24-09 24-09 24-72 24-72 26-74 27-43 27-43 27-43 27-43	00.000 00.036	5 Nu VEL 1511.2 1511.2 1511.7 1517.6 1517.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBT 047 10 W  CASTNOM/TIAE  12.5  12.5  12.5  12.5	MUNIT HUUH  STD UdS STD STD UBS STD STD STD STD STD STD STD STD STD ST	8 09 09 12.5  UEPTH 00000 00000 00001 00021 00021 00042 00075 00075 00075 00150 00250	TEMP  16.97 10.97 17.74 18.50 18.54 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.17 08.17 08.17 08.17 08.17 08.17 08.17 08.17 08.17 08.17 08.17 08.17 08.17	MET BAKU CLCU 5AL 33.10 33.10 34.43 34.43 34.41 34.43 34.87 34.87 34.87 34.87 34.87 34.87	BULG 13-7 METR 1011-7 0 1/A 7/8 SIGMA-T 24-09 24-09 24-57 24-72 24-72 26-74 27-43 27-43 27-43 27-48 27-50	00.000 00.036	5 NU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1495.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBH6 047 10 W  CASTNOM/TIHE  12.5  12.5  12.5  12.5  12.5  12.5	MUNT HOUSE H	8 09 07 12.5  UEPTH  00000 00000 00021 00042 00042 00045 00055 00150 00247 00250 00260 00300 100324 00400 00402	TEMP 16.97 16.97 10.97 17.74 18.50 18.56 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.77 08.13 07.09 06.33 05.87	MET BARO CLCU 5AL 33.10 33.10 34.41 34.43 34.41 34.43 34.87 34.87 34.87 34.87 34.87 34.84 34.87	BULB 13.7 METR 1011.7 0 1/A 7/8 SIGMA-T 24.09 24.09 24.09 24.72 24.72 26.13 26.74	00.000 00.036	5 % VEL 1511.2 1511.2 1514.2 1517.6 1517.6 1517.6 1475.0 1479.3 1479.3 1479.3	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBT 047 10 W  CASTNOM/TIAE  12.5  12.5  12.5  12.5	MUNT HUUH  STD UAS STD STD STD STD STD STD STD STD STD ST	8 09 07 12.5  UEPTH  UUUU00 00900 00901 UUU30 00042 00042 00045 00150 00165 00160 00247 00250 00300 00247 00250 00300 00402 100324	TEMP  16.97 10.97 17.74 18.50 18.58 11.67 00.45 00.61 09.09 09.47 09.19 08.77 08.13 07.09 06.37 06.37 06.37 06.37 06.37 06.37 06.37	MET BAKU CLCU 5AL 33.10 33.10 34.43 34.41 34.43 34.41 34.43 34.87 34.87 34.87 34.87 34.87 34.82 34.92 34.92 34.92 34.92 34.92 34.92	BULG 13.7 METR 1011.7 0 1/A 7/8 SICMA-T 24.09 24.09 24.07 24.72 24.72 26.03 26.74 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.45 27.50 27.50 27.50 27.50	07NOPTH 00.000 00.036	5 NU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBH6 047 10 W  CASTNOM/TIHE  12.5  12.5  12.5  12.5  12.5  12.5	MUNITED NO. 10 P.	8 09 09 12.5  UEPTH  00000 00000 00001 00029 00021 00030 00042 00100 00125 00150 00247 00250 00300 100324 00400 00402 100475 00500 00400 00400	TEMP  16.97 10.97 17.74 18.50 18.54 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.13 07.09 06.37 06.37 06.37 06.37 06.37 06.37 06.37 06.37 06.37 06.37	MET BAKU CLCU 5AL 33.10 33.10 34.43 34.43 34.43 34.47 34.47 34.87 34.87 34.87 34.87 34.82 34.92 34.92 34.92 34.92 34.92 34.92 34.92	BULG 13.7 METR 1011.7 0 1/A 7/8 SIGMA-T 24.09 24.09 24.09 24.57 24.72 26.74 27.43 27.43 27.43 27.43 27.43 27.43 27.45 27.50 27.50 27.50 27.61 27.66 27.66	07NOPTH 00.000 00.036	5 NU VEL 1511.2 1511.1 1514.7 1517.6 1517.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LBT 44 16 N LBT6 047 10 W  CASTNOM/ITAE  12.5  12.5  12.5  12.5  12.5  12.5	MUNITED NO. 10 P.	8 09 09 12.5  UEPTH 00000 00000 00000 00002 00042 00042 00042 00125 00150 00247 00260 00402 00402 00402 00402 00402 00402 00402 00402 00402 00402 00402 00402	TEMP 16.97 16.97 16.97 17.74 18.50 18.56 11.67 05.45 06.61 09.09 09.47 09.19 08.77	MET BAKU CLCU 33.10 33.10 33.99 34.43 34.43 34.87 34.87 34.87 34.87 34.87 34.87 34.87 34.87 34.92 34.92 34.92 34.93	BULB 13-7 METR 1011-7 0 1/A 7/8  SIGMA-T 24-09 24-09 24-57 24-72 26-03 26-74  27-43 27-43 27-43 27-46 27-50 27-55 27-61	07NOPTH 00.000 00.036	5 NU VEL 1511.2 1511.1 1514.7 1517.6 1517.8 1495.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LaT 44 16 N Lb46 047 10 W  C45TNOM/314t  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5	MUNT HOUSE H	8 09 07 12.5  UEPTH  UUUU00 00000 00001 UUU20 00021 UUU30 00042 00047 000475 00150 00150 00201 00201 00201 00201 00201 00201 00200 00402 100475 00500 00400 100769 100769	SMIP HI UATA USE 1 AREA US  IEMP  16.97 10.97 17.74 18.50 18.58 11.67 00.45 00.61 09.09 09.47 09.19 08.77 08.13 07.09 06.37 06	MET BAKU CLCU 5AL 33.10 33.10 34.41 34.43 34.41 34.41 34.87 34.85 34.87 34.87 34.92 34.92 34.92 34.91 34.91 34.91 34.91 34.91 34.91 34.91	BULB 13.7 METR 1011.7 0 1/A 7/8 SICMA-T 24.09 24.09 24.07 24.72 26.03 26.74 27.43 27.47 27.48 27.50 27.50 27.50 27.61 27.61 27.61 27.61 27.70 27.71 27.71 27.71	07NOPTH 00.000 00.036	5 Nu VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1472.0 1480.4 1480.3 1479.4 1480.3 1479.4 1482.1 1479.6 1479.7 1481.7 1481.7	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LaT 44 16 N Lb.46 047 10 W  CASTNOM/TI4E  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5	MUNITED HUMBER H	8 09 07 12.5  UEPTH  00000 00000 000100 00021 00021 00042 000700 00125 00150 00042 00100 00247 00250 00300 00402 100475 00400 00402 100475 100700 100700	SMIP HI UATA USE 1 AREA US  IEMP  16.97 10.97 17.74 18.50 18.54 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.17 08.13 07.09 06.37 06.37 06.37 06.37 06.37 06.37 06.39 06.40 04.64 04.58 04.52 04.19 03.55	MET BAKU CLCU 5AL 33.10 33.19 34.43 34.43 34.41 34.43 34.87 34.87 34.87 34.87 34.87 34.92 34.92 34.92 34.92 34.93 34.93 34.93 34.93 34.93	BULB 13.7 METR 1011.7 0 1/A 7/8  SICMA-T 24.09 24.09 24.07 24.72 26.03 26.74  27.43 27.43 27.43 27.47 27.48 27.50 27.50 27.51 27.61 27.61 27.67 27.71 27.75 27.81	07NOPTH 00.000 00.036	5 NU VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LaT 44 16 N Lb46 047 10 W  C45TNOM/314t  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5	MUNITED NO. 10 P.	8 09 09 12.5  UEPTH  UUCUO 00000 00000 00001 00042 00100 00247 00250 00300 10032 00100 00402 100400 00402 100475 00500 00402 100475 00500 00402 100475 00500 00402 100475 00500 00402 100475 00500 00402 100475 00500 00402 100475 100475 100475 100475 100475 100475 100475 100475	TEMP  16.97 16.97 17.74 18.50 18.56 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.77 08.13 07.09 06.37 06.33 05.87 05.19 06.14 06.15 05.25 05.11 04.69 04.64 04.58 04.52 04.19	MET BAKU CLCU 5AL 33.10 33.19 34.43 34.43 34.47 34.84 34.92 34.92 34.92 34.92 34.92 34.92 34.92 34.93 34.91 34.91 34.95 34.95	BULB 13.7 METR 1011.7 0 1/A 7/8 SIGMA-T 24.09 24.09 24.57 24.72 26.03 26.74 27.43 27.43 27.43 27.43 27.47 21.48 27.50 27.50 27.61 27.61 27.61 27.61	07NOPTH 00.000 00.036	5 NU VEL 1511.2 1511.1 1514.7 1517.6 1517.8 1495.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CUNTEC 0006 LaT 44 16 N Lb.46 047 10 W  CASTNOM/114E  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5	MUNT	8 09 07 12.5  UEPTH  UU000 00000 00000 00000 00000 00047 00047 00165 00150 00200 00247 00400 00247 00400 00247 00400 00400 00407 00400	SHIP HI UATA USE 1 AREA USE 1 16.97 16.97 17.74 18.50 18.56 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.77 08.77 08.77 08.77 08.77 08.77 08.77 08.77 09.19 06.33 05.87 06.33 05.87 06.34 06.35 07.09 06.44 06.50 04.64 04.58 04.52 04.19 03.56 03.55 03.16 03.14	MET BAKU CLCU 33.10 33.10 33.98 34.41 34.43 34.41 34.87 34.87 34.87 34.92 34.92 34.92 34.91 34.91 34.95 34.96 34.98 34.98 34.98 34.98 34.98 34.98 34.98 34.98 34.98 34.98 34.98 34.98 34.98	BULB 13.7 METR 1011.7 0 1/A 7/8 SIGMA-T 24.09 24.09 24.09 24.72 24.72 26.03 26.74 27.43 27.43 27.43 27.43 27.43 27.43 27.40 27.50 27.50 27.61 27.81 27.81 27.81 27.81 27.84 27.87	07NOPTH 00.000 00.036	5 Nu VEL 1511.2 1511.2 1514.7 1517.6 1517.8 1475.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LaT 44 16 N Lb-46 047 10 W  C-STNOM/J114t  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5	MUNITED HUMBER H	8 09 07 12.5  UEPTH  UU000 00700 UU010 UU029 00021 UU030 00042 00070 00165 00165 00160 00247 00260 00260 00462 100769 100769 100769 100769 100769 100769 100769 100769 100769 100769 100769 100769 100760 02503	SHIP HI UATA USE 1 AREA USE 1 16.97 16.97 17.74 18.50 18.58 11.67 05.45 06.61 09.09 09.47 09.19 08.77 08.17 08.13 07.09 06.37 06.33 05.87 05.25 05.11 04.69 04.58 04.52 U4.19 03.55 03.16 04.14 02.80 02.76	MET BAKU CLCU 5AL 33.10 33.19 34.43 34.43 34.43 34.43 34.47 34.87 34.87 34.87 34.87 34.87 34.87 34.92 34.92 34.92 34.93 34.93 34.93 34.93 34.93 34.93 34.93 34.93 34.93	BUL® 13.7 METR 1011.7 0 1/A 7/8  SICMA-T 24.09 24.09 24.07 24.72 26.03 26.74  27.43 27.43 27.43 27.47 27.48 27.50 27.50 27.51 27.61 27.61 27.61 27.61 27.61 27.61 27.61 27.81 27.81 27.81 27.81 27.87 27.89	07NOPTH 00.000 00.036	5 NU VEL 1511.2 1511.1 1514.7 1517.6 1517.6 1517.8 1472.0  1480.4 1480.3 1479.3 1479.4 1482.1 1482.1 1482.1 1482.1 1481.7 1481.7 1481.7 1481.7 1481.7 1481.7 1481.7 1505.5 1505.5	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONTEC 0006 LaT 44 16 N Lb-46 047 10 W  CASTNOM/TI4E  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  12.5  14.9	MUNITED NO. 11 P. 12 P.	8 09 07 12.5  UEPTH  UUCUO 00000 00001 00001 00021 00042 00105 00125 00200 0025 00200 0025 00200 0025 00200 0025 00200 0025 00200 0025 0025 003000 0025	TEMP  16.97 16.97 17.74 18.50 18.56 11.67 09.09 09.47 09.19 08.77 08.13 07.09 06.37 06.33 05.87 06.33 05.87 05.19 06.14 06.15 05.25 05.11 04.69 04.64 04.58 04.52 04.19 03.55 03.16 03.16 02.80	#ET BAKU CLCU  SAL  33.10  33.103  34.433  34.417  33.855  34.873  34.873  34.973  34.91  34.91  34.91  34.958  34.91  34.958  34.91  34.958  34.91  34.958  34.91  34.958  34.91  34.958  34.933  34.93	BULG 13.7 METR 1011.7 0 1/A 7/8 SIGMA-T 24.09 24.09 24.57 24.72 26.72 26.74 27.43 27.43 27.43 27.43 27.43 27.43 27.47 27.48 27.50 27.50 27.51 27.61 27.61 27.61 27.61 27.61 27.61 27.61 27.61 27.81 27.81 27.81 27.81 27.81 27.87 27.87 27.87 27.87 27.87 27.87	07NOPTH 00.000 00.036	5 NU VEL 1511.2 1511.1 1514.7 1517.6 1517.8 1455.8 1472.0	AIND-SPD HIND-FUR WEATHER	25 X2	TRACE DURAT DRIG	A3 05°	•	5 2 1	SQUARE 2 SQUARE 46 SQUARE 47

Table X. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31–2137. Continued

NEFTO 31 21 CONSEC 00 LAT 44 19 LUNG 047 32	101	YEAR MUNTH DAY HOUR	0+	BOTUP 03729 SHIP HT OATA USE 1 AREA US	AIR T WET 3 BARUM CL CUJ	ULB 19.9 ETR 1012.5	DIK h. US SEA CL/IH		WIND-OIR WIND-SPD WIND-FOR WEATHER	25	TRACE DUKATI		AST	5 9	SQ 1306 GUARE 2 GUARE 46 GUARE 47
CASTNUM/TIM	الا ل	VLTYP	DEPTH	TEMP	546	STUMA-T	PERCONE	SND VEL	OXYG	PU4	ID1 P	NU2	KO3	€012	Рн
		511)	00000	17.36	33.07	23.85	00.000	1513.8							
19.	4	UB \$	00000	17.36	33.075	21.85 25.10	0). 135	1515.5							
18.	4	S10 085	00020	07.33	32.49	25.01	00.060	1475.0							
19.		ST0 UB 5	00030	J4.15 01.94	33.05 33.426	20.24	03.383	1465.4							
		510	00050	02.49	33.53	26.78	00.111	1451.2							
18.	4	SID	00073	06.34 06.24	34.320 34.31	20.99	00.140	1476.7							
18-	. 4	udS STo	00100	05.62	34.249 34.28	21.03 21.33	00.167	1474.1							
1.4		STO	00125	06.82	34.50 34.628	21.07	03.192	1479.7							
[d.		210 210	00150	07.39	34.64	27.10	00.218	1482 • 6							
18.	4	385 STD	100199	07.42	34.747 34.74	27.18 27.18	00.266	1483.7							
18.	4	\$10 UBS	00250 00256	06.21 05.55	34.65 34.627	21.27 21.34	00.310	1479.6							
		SID	00300	J5.55	34.04	27.34	00.351	1477.7							
18.	. 4	085 STD	100393 00400	05.55 05.49	34.015 34.82	21.48 21.49	00.423	1479.5							
19.	. 4	385 STD	00495 60500	04.89 04.88	34.869 34.87	27.61	03.482	1478.5							
18.	. 4	085	100542	34.68	34.914	27.67	00.535	1479.3							
		STO	00600 00700	04.60	34.91	27.69	00.584	1480.1							
18.	. 4	51D	100786 30833	04.29 04.28	34.912 34.91	27.71 27.71	00.033	[480.} 1461.1							
13.	. 4	\$10 085	4P.6001	04.18	34.92 34.∌18	21.12 21.13	03.640	1482-4							
18.		OBS	101461	03.84	34.927	21.11		1490.7							
		MUNT	1972 F 09 09 21.6	80TDP 03539 SHIP HT DATA USE 1 AREA 05			03	IGT PER 5 4	WIND-OIP WIND-SPL WIND-FUR WEATHER	23	TRACE OURAT		CAST	5 2	N SO 1306 SOUARE 2 SOUARE 46 SOUARE 47
CONSEC C	1009 B N	MUNT	⊬ 09 09	SHIP HT DATA USE 1	WET BARU	BULB 14.6 METK LU14.0	03 5± A	5 4	WIND-SPE WIND-FOR	23	TRACE OURAT	DIR IDN	CAST ND3	5 2	SQUARE 2 SQUARE 46
CDNSEC C LAT 44 23 LONG 047 54 CASTNUM/T I	1009 3 N W	MUNT DAY HEUR LVLTYP STD	09 09 21.6 0EPTH	SHIP HI DATA USE 1 AREA 05	WET BARU CLOU	SIGMA-T 23-72	SEA CL/TR	5 4 SNO VEL 1514-4	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CDNSEC C LAT 44 23 LONG 047 54 CASTNUM/T I	1009 B N	MONT DAY HOUR LVLTYP STD OBS STD	DEPTH 0000 0000 00010	SHIP HI DATA USE 1 AREA 35 TEMP 18-11 18-11	WET BARD CLOU. SAL 32.97 32.973 32.95	SIUMA-T 23.72 24.76	03 StA CL/TR OYNUPTH 00.000	SNO VEL  1514-4 1514-4 1494-6	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CDNSEC C LAT 44 23 LUNG 047 54 CASINUM/T1	1009 3 N W	MUNT DAY HOUR LVLTYP STD OBS STD STD OBS	P 09 09 21.6 0EpTH 00000 00010 00010 00020 00020 00025	SHIP HI DATA USE 1 AREA 25  TEMP 18-11 18-11 18-34 09-33 U7-61	SAL 32.97 32.97 32.95 32.92 32.905	SIUMA-T  23.72 23.72 24.76 25.46 25.71	03 StA CL/IR 00.000 00.037 00.086	5 4 SNO VEL 1514-4 1514-4 1494-6 1489-0 1479-1	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CUNSEC C LAT 44 2: LONG 047 54 CASTNUM/TT	1009 3 N 1 H	MUNT DAY HOUR LVLTYP STD OBS STD STD	09 09 21.0 0EpTH 00000 00000 00010 00010	TEMP  18-11 13-34 09-33	SAL 32-97 32-97 32-95 32-92	SIGMA-T  23.72 23.72 24.76 25.46	03 StA CL/TR 04N0PTH 00.000 00.037 00.088	SNO VEL  1514-4 1514-4 1499-6 1489-0	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC 4 2: LAT 4 2: LONG 047 54  CASTNUM/T1  21	1009 3 N W 1ME	MUNT DAY HEUR LVLTYP STD OBS STD OBS STD DBS STD	E 09 09 21.0 DEPTH 0000 0000 00010 00020 00020 00030 00049 00050	TEMP  18.11 13.34 09.33 07.61 05.71 02.01 02.20	SAL  32.97 32.97 32.95 32.92 32.905 33.02 33.517 33.56	SIOMA T 23.72 24.76 25.46 25.71 26.05 26.81 26.82	03 StA CL/IR 00.000 00.037 00.086	SNO VEL 1514-4 1514-4 1499-6 1489-0 1479-1 1471-8 1457-1 1451-0	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC 64 23 LONG 047 54 CASTNUM/11 21 21	1009 3 N W	MUNT DAY HEUR STD OBS STD OBS STD DBS STD	DEPTH  0000 00000 00010 00020 00020 00049 00050 00074	TEMP  18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72	SAL 32-97 32-973 32-95 32-92 32-905 33-517 33-56 34-262 34-28	SIONA -T  23.72 23.72 24.76 25.46 25.71 26.05 26.81 26.82 27.03	03 StA CL/TR 04N0PTH 00.000 00.037 00.088	5 NO VEL  1514-4 1514-4 1499-6 1479-1 1471-6 1457-1 1451-0 1473-9 1474-2	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC 64 23 LONG 047 54 CASTNUM/11 21 21	1009 3 N W 1ME	MUNT DAY HEUR STD OBS STD OBS STD DBS STD	09 21.0 0EPTH 00000 00010 00020 00020 00025 00030 00049 00074 00078 00098	TEMP  18.11 14.11 14.11 15.34 09.33 07.61 05.71 02.20 05.65 05.72 00.46 06.86	WET BARU CLOU SAL 32.97 32.97 32.95 32.92 32.92 32.90 33.517 33.56 34.28 34.57 34.50	SIONA -T  23.72 23.72 24.76 25.46 25.46 25.71 26.82 27.03 27.04 27.11 27.11	03 SEA CL/TH 04NUPTH 00.000 00.337 00.088 00.120 00.124	SNO VEL  1514-4  1514-4  1499-6  1471-6  1471-1  1451-1  1451-2  1474-2  1479-6	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C LAT 44 2: LONG 047 54 CASTNUM/T1 21 21 21	1009 3 N W	MUNT DAY HEUR STD OBS STD OBS STD UBS	09 21.6 0EPTH 00000 00010 00020 00010 00025 00049 00050 00074 00075	TEMP  18-11 13-34 09-33 07-61 05-71 02-01 02-20 05-65 05-72 00-86 06-86 06-86	WET - BARU CLOU SAL 32-97 32-97 32-95 32-92 32-905 33-517 33-56 34-28 34-557	SIUMA-T  23-72 23-72 23-72 24-76 25-46 25-71 26-05 26-81 26-82 27-03 27-04 27-11	03 StA CL/TR OYNUPTH 00.000 00.337 00.000 00.120 00.124	SNO VEL  1514-4 1514-4 1499-6 1485-6 1471-6 1471-6 1457-1 1471-6 1457-1 1474-2 1474-2	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C LAT 44 2: LONG 047 54 CASTNUM/T1 21 21 21	1009 3 N 1 M 1 M 1 - 0	MUNT DAY HEUR STD OBS STD	DEPTH 00000 00010 00010 00020 00020 00020 00030 00050 00074 00075 00098 00100 00125 00150	TEMP  18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72 00.86 06.86 06.86 06.86	MEF. BARU CLOU SAL 32-97 32-97 32-92 32-905 33-02 33-017 33-56 34-28 34-557 34-28 34-56 34-62 34-63	SIGMA -T  23-72 23-72 24-76 25-46 25-71 26-05 26-01 27-11 27-16 27-19 27-19	03 SEA CL/TR 04NUPTH 00.000 00.337 00.060 00.188 00.120 00.149 00.174 00.174	5 4 SNO VEL 1514-4 1514-4 1514-6 1499-6 1499-1 1471-6 1471-6 1471-6 1471-6 1471-6 1480-3 1480-3	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C LAT 44 2: LONG 047 54 CASTNUM/T1 21 21 21	1009 3 N 1 M 1 M 1 - 0	MUNT DAY HEUR STD OBS	DEPTH 00000 00010 00010 00020 00010 00020 00050 00074 00079 00098 00100 00125 001050 00150 00200	TEMP  18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72 00.d6 06.86 06.85 06.84 06.81 06.20	#EF BARU CLOU  SAL  32.97 32.973 32.95 32.92 34.905 33.017 33.55 34.62 34.65 34.65 34.65 34.65 34.65	SIUMA -T  23.72 23.72 24.76 25.46 25.46 25.46 25.46 26.05 26.81 26.82 27.04 27.11 27.11 27.16 27.19 27.27	03 SEA CL/TR 04NUPTH 00.000 00.337 00.066 00.120 00.124 00.174 00.174 00.174	5 4 5NO VEL 1514-4 1514-4 1494-6 1495-6 1479-1 1471-6 1471-6 1471-6 1471-6 1471-6 1480-0 1480-3 1479-0 1470-1	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C LAT 44 2: LONG 047 54 CASTNUM/T1 21 21 21 21 21	1009 3 N 1 H 1 + 0	MUNT UAY HEUR STO OBS STO OBS STO UBS	DEPTH 09000 00010 00010 00020 00010 00020 00030 00040 00075 00078 00100 00125 00150 00200 00250 00250	TEMP  18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72 00.d6 06.86 06.86 06.87 06.81 06.25 06.25 05.27	#EF BARU CLOU  SAL  32.97 32.973 32.95 32.92 33.917 33.56 34.68 34.66 34.66 34.66 34.66 34.66	SIUMA -T  23.72 23.72 24.76 25.46 25.71 20.05 26.82 27.03 27.04 27.11 27.11 27.16 27.19 27.19 27.27 27.28 27.44	03 SEA CL/TR 04NUPTH 00.000 00.337 00.086 00.120 00.124 00.174 00.174 00.174 00.221 00.224	5 4 SNO VEL 1514.4 1494.6 1495.6 1479.1 1471.6 1471.6 1471.6 1474.9 1474.9 1474.9 1480.0 1480.0 1480.1 1480.4 1480.3 1476.9	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC 4 C LAT 44 23 LONG 047 54 C LONG 047	0009 N M ME 	MUNT UAY HOUR HOUR STD OBS STD OBS STD UBS STD	□ 09 09 09 21 □ 0 □ EPTH 00000 00000 00010 00020 00025 00030 00074 00015 00098 00100 00125 00147 00150 00200 100200 100200 100200 00229 00309	TEMP  18.11 13.34 09.33 07.61 05.71 02.01 05.65 05.65 05.65 06.86 06.86 06.86 06.86 06.87 06.87 06.87 06.88	MEF. BARU CLOU SAL 32.97 32.973 32.92 32.905 33.02 33.56 34.62 34.65 34.65 34.65 34.66 34.66 34.66 34.66 34.66	SIUMA -T  23.72 23.72 24.76 25.46 25.46 25.71 26.05 26.81 27.03 27.04 27.11 27.16 27.19 27.19 27.27 27.28 27.44 27.44	03 SEA CL/TR 04NUPTH 00.000 00.337 00.086 00.120 00.124 00.174 00.174 00.174 00.221 00.224	5 4 4 1514 - 4 1514 - 4 1514 - 4 1514 - 4 1494 - 6 1494 - 6 1495 -	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC 4 C LAT 44 23 LONG 047 54 C LONG 047	0009 N W	MUNT UAY HOUR STD OBS STD OBS STD UBS STD	09 09 21.0  DEPTH 00000 00000 00000 00000 00000 00000 0000	TEMP  18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72 00.86 06.86 06.86 06.86 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.87	MEF. BARU CLOU SAL 32.97 32.975 32.92 34.905 34.02 34.557 34.55 34.65 34.65 34.65 34.65 34.65 34.66 34.66 34.66 34.66	SIGMA -T  23-72 23-72 24-76 25-46 25-71 26-05 26-81 26-82 27-04 27-11 27-16 27-19 27-19 27-28 27-44 27-44 27-56	03 SEA CL/TR 04NUPTH 00.000 00.037 00.060 00.120 00.124 00.124 00.124 00.124 00.124 00.221 00.224 00.224	5 % VEL  1514-4 1514-4 1514-6 1499-6 1499-1 1479-1 1471-6 1457-1 1471-6 1480-3 1479-9 1475-8 1480-9 1475-8 1480-1 1480-1	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C C LAT 94 23 LONG 047 54 C C ASTNUM/T1 21 21 21 21 21 21 21 21 21 21 21 21 21	0009 N M M M E	MUNT UAY HOUR STO OBS STO OBS STO STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	□ 09 09 09 21.0 □ E P T H 000 00 000 00 000 10 000 20 000 20 000 20 000 50 000 74 000 75 000 98 001 00 001 25 001 25 002 29 003 00 002 50 002 50 002 50 003 50 003 50 004 50 005 60 005 60	TEMP  18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72 00.d6 06.86 06.86 06.86 06.86 06.87 06.25 05.27 04.86 04.87 05.72	#EF BARU CLOU SAL 32-97 32-973 32-95 32-905 33-017 33-56 34-66 34-65 34-66 34-66 34-95 35-03 35	SIUMA -T  23.72 23.72 24.76 25.46 25.46 25.47 26.05 26.81 26.82 27.04 27.11 27.11 27.12 27.19 27.19 27.27 27.28 27.44 27.55 27.67	03 SEA CL/TR 04NUPTH 00.000 00.037 00.060 00.120 00.124 00.124 00.124 00.124 00.124 00.221 00.224 00.224	5 4 4 15 14 4 15 14 4 14 99 4 14 99 4 14 99 4 14 99 4 14 99 4 14 99 4 14 99 4 14 99 4 14 99 4 14 90 14	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C C LAT 94 23 LONG 047 54 C C ASTNUM/T1 21 21 21 21 21 21 21 21 21 21 21 21 21	MHE	MUNT UAY P HEUR STD OBS STD	DEPTH 09000 00000 00010 00020 00010 00020 00030 00040 00075 00098 00100 00150 00100 00150 00100 00150 00259 00300 100598 00500	TEMP  18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72 00.86 06.86 06.86 06.86 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.88	#EF BARU CLOU  SAL  32.97 32.95 32.92 32.90 33.51 733.56 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66 34.66	SIUMA -T  23.72 23.72 24.76 25.46 25.71 20.05 26.82 27.03 27.11 27.11 27.16 27.19 27.19 27.27 27.28 27.44 27.56 27.57 27.67 27.67 27.67 27.69	03 SEA CL/TR 04NUPTH 00.000 00.337 00.086 00.120 00.174 00.174 00.174 00.174 00.221 00.264 00.303 00.339	5 4 4 1514 4 1514 4 1499 6 1499 1 1479 1 1 1479 1 1 1479 1 1 1479 1 1 1479 1 1 1474 2 1 1479 5 1 1479 5 1 1479 6 1 1479	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C LAT 44 23 LONG 047 54 22 21 21 21 21 21 21 21 21 21 21 21 21	0009 N M M M E	MUNT UAY HOUR STD OBS STD UBS	DEPTH  00000 00000 00000 00000 00000 00000 0000	TEMP  18.11 18.11 18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.01 05.65 05.65 06.86 06.86 06.86 06.86 06.87 06.87 06.81 06.25 05.27 04.86 04.87 05.72 05.47 05.73	#EF BARU CLOU SAL 32.97 32.975 32.92 33.517 33.56 34.557 34.56 34.65 34.	SIUMA -T  23.72 23.72 24.76 25.46 25.46 25.71 26.05 26.81 27.03 27.04 27.11 27.16 27.19 27.19 27.27 27.28 27.44 27.44 27.56 27.47 27.67 27.67	03 StA CL/TF 04NUPTH 00.000 00.088 00.120 00.144 00.174 00.174 00.178 00.221 00.256 00.339 00.402 00.456	5 4 4 1514 -4 1514 -4 1514 -4 1499 -6 1499 -6 1497 -1 1471 -1 1471 -1 1471 -1 1479 -1	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C LAT 44 23 LONG 047 54 22 21 21 21 21 21 21 21 21 21 21 21 21	NME	MUNT UAY HOUR STO OBS	09   09   09   09   09   09   09   09	TEMP  18.11 18.11 18.11 18.34 09.33 07.61 05.71 02.20 05.65 05.72 00.86 06.86 06.86 06.86 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.87 06.87	#EF BARU SAL 32.97 32.975 32.92 32.92 33.515 33.55 34.62 34.65	SIGMA -T  23-72 23-72 24-76 25-46 25-71 26-05 26-81 27-14 27-14 27-16 27-19 27-27 27-27 27-27 27-27 27-67 27-67 27-69 27-71 27-71 27-71 27-71 27-72	03 SEA CL/TR 04NUPTH 00.000 00.037 00.060 00.188 00.120 00.149 00.174 00.174 00.221 00.264 00.303 00.339 00.402 00.456	5 4 5 NO VEL 15 14 -4 15 14 -4 15 14 -9 14 99 -6 14 99 -1 14 71 -6 14 71 -6 14 71 -6 14 71 -6 14 71 -6 14 80 -3 14 77 -9 14 75 -8 14 75 -8 14 75 -8 14 76 -8 14 76 -9 14 77 -9 14 80 -9 1	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47
CONSEC C C LAT 94 23 LONG 047 54 C C AS TNUM/T1 21 21 21 21 21 21 21 21 21 21 21 21 21	NME	MUNT UAY HOUR STD OBS STD UBS	09 09 21.6  0Epth 00000 00000 00010 00020 00020 00020 00049 00050 00074 00015 00100 00100 00100 00200 100299 00300 100397 00400 00500 100500 100500 00704	TEMP  18-11 18-11 18-11 18-11 18-11 18-13 19-33 07-61 05-71 02-01 05-65 05-72 00-86 06-86 06-86 06-86 06-86 06-86 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87 06-87	*EF BARU CLOU SAL 32-97 32-95 32-92 32-90 33-05 34-06 34-	SIUMA-T  23.72 23.72 23.72 24.76 25.46 25.71 26.05 26.81 27.04 27.11 27.16 27.19 27.27 27.28 27.44 27.44 27.46 27.47 27.47 27.47 27.47 27.48 27.49	03 SEA CL/TR 04NUPTH 00.000 00.037 00.060 00.188 00.120 00.149 00.174 00.174 00.221 00.264 00.303 00.339 00.402 00.456	5 4 4 1514 -4 1514 -4 1514 -4 1499 -6 1499 -6 1497 -1 1471 -1 1471 -1 1471 -1 1479 -1	WEND-SPE WEND-FOR WEATHER	X2	TRACE OURAT DRIG	DIR ION A3 059		5 2 1	SQUARE 2 SQUARE 46 SQUARE 47

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Table N.--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137,—Continued

REFEU 31 2137 CUMSEC 0009 LAT 44 24 N LUMO 048 04 M	MC 4T	1972 R 09 Tu 00.3	SHIP HT OATA USE 1 AREA 05	AIR T WET S SAROM CLOUD	1018 14.1 1618 1014.8	OIR H J3 SEA CL/TR		minD+Dir winD-SPD winD-Fur weather	23	TRACE OURAT			5 2	N SU 1306 SQUARE 2 SQUARE 48 SQUARE 48
C 4 S T N U M / T [ M E	LVLTYP	DEPTH	TEMP	SAL	SIGMA-F	HTQUATO	SNO VEL	OXYG	P04	101 6	NO2	NO3	\$103	PH
00.3	510 085	00000	18.03 18.08	33.01 33.014	23.75	G0.000	1514.4							
00.3	STO	00010	13.52	32.82	24.63	00.037	1500.1							
00.3	285	00023	09.51 00.08	32.63 32.481	25.21 25.50		1485.9							
	STO STO	00030	05.79 00.57	32.55	25.67 26.67	00.193	1471 - 5 1450 - 2							
00.3	385 STO	00051	00.48 04.49	33.257 34.06	20.70 27.01	00.161	1449.9 1468.9							
00.3	UBS STO	00100	04.87 05.44	34.138 34.31	27.03 27.10	00.187	1470.0							
00.3	085 STO	00102 00125	05.46 05.05	34.329 34.46	27.11 27.15	00.213	1473.8							
00.3	\$10 08 <b>\$</b>	00150	05.83 U5.85	34.54 34.547	27.23	00.233	1476.2							
00.3	510 085	00200 100205	04.92 04.88	34.52 34.516	27.32 27.33	00.274	1473.3							
	S T O	00250 00500	05.69 06.18	34.74 34.91	27.41 27.48	00.311	1477.6							
00.3	08S STO	00307	06.22 05.85	34.932 35.01	27.49 27.60	00.406	1480.9							
00.3	018	00500	05.81	35.014	27.61	00.460	1481.1							
00.3	280	00512	05.39	34.992 34.99	27.64	00.510	1481.0							
00.3	280	100016	04.92 04.85	34.992 34.99	27.70 27.71		1480.5							
22.3	012	00700	04.70 04.52	34.98	27.72 27.74	00.557	1482.2							
00.3	085 STO	00829	04.47	34.979 34.97	27.74 27.75	00.648	1482.5							
00.3	510 085	01000 101041	04.18 04.12	34.96 34.959	27.76 27.76	00-693	1484.1							
00.3	085	101581	03.67	34.940	27.79		1491.7							
					*****	• • • • • • • •	•							
RESTU 31 2137		1572	<b>ESDEO AOL</b> OS	ALKI	TEMP 14.8	01k +	167 PER	MIND-UIR	34	INST	NANSEN	CAST	16	N SQ 1306
CHASEC 0010	MUNT	н 0ч	SHIP HT	wtT t	3UL8 13.6	03	5 4	HINL-5P(	16	TRACE	01R		5	SQUARE 2
LAT 44 27 N	DAY	10 10 03.0	SHIP HT DATA USE 1 AREA 05		4ETK 1014.5	03 56A CL/TF	5 4	MINL-5P( MIND-FUF MEATHER	₹ .	OURAI		9	2	SQUARE 2 SQUARE 48 SQUARE 48
LAT 44 27 N LUNG 048 21 W	HUUH	03.0	DATA USE 1 AREA 05	BARO? CLOUL	46TR 1014.5 ) T/A 8/6	StA CL/TF	5 <b>4</b>	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
LAT 44 27 N LUNG 048 21 W	FIAY HOUR LVLTYP	03 -0 0EPTH	DATA USE 1 AREA 05	BARO CLGUL SAL	96TR 1014.5 ) T/A - 8/6   S1GMA-T	SEA CL/TF	S 4	#IND-FUE	₹ .	OURAI	LIUN	9 NO3	2	SQUARE 48
LAT 44 27 N LUNG 048 21 W	HOUR LVLTYP STU 085	00000 00000	UATA USE 1 AREA 05 TEMP 17.99 17.99	8ARO* CL GUL SAL 33.21 33.209	METH 1014.5 D T/A H/6 SIGMA-1 23.93 23.93	5 t A CL/TF UYNOPTH 00-000	5 4 SNO VEL 1514.3 1514.3	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
LAT 44 27 N LOVE 048 21 H CHSTNUM/TIME	MAY HOUR LVLTYP  STU 085 STO STO	00000	TEMP  17.99  17.20  10.41	SAL 33.21 33.209 33.12 33.03	METR 1014.5 D T/A H/6 SIGMA-T 23.93 23.93 24.05 24.16	SEA CL/TF	5 4 SNO VEL 1514.3	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
LAT 44 27 N LOW C46 21 H CASINUM/TIME 03.0 G3.0	DAY HOUR LVLTYP STU 08 S STO	03 - 0 0EPTH 00000 00010 00010 00020 00024 00030	TEMP  17.99 17.20 10.41 16.09 10.35	8ARO CL GUL SAL 33.21 33.209 33.12	SIGMA-T  23-93 23-93 24-05	SEA CE/TR UYNOPTH 00-000 00-039	5 4 SNO VEL 1514.3 1514.3 1512.0	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
LAT 44 27 N LOVE 048 21 H CHSTNUM/TIME	HOUR  LVLTYP  STU  085  STO  STO  085	00000 00000 00013 00020 00024	TEMP  17.99 17.99 17.20 10.41 16.09	8ARO* CLGUL SAL 33.21 33.209 33.12 33.03 32.993	NETR 1014.5 D T/A H/6 SIGMA-I 23.93 23.93 24.05 24.16 24.21	SEA CL/TR UYNOPTH 00-000 00-039 00-073	SNO VEL 1514.3 1514.3 1514.3 1514.7	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
LAT 44 27 N LOW C46 21 H CASINUM/TIME 03.0 G3.0	HOUR  LVLTYP  STU  08 S  STO  STO  08 S  STO  08 S  STO  08 S	00000 00000 00000 00010 00010 000120 00024 00024 00047	17.99 17.99 17.99 17.20 10.41 16.09 10.35 00.83 01.25 03.72	SAL 33-21 33-29 33-12 33-03 32-993 33-05 33-315	SIGMA-T  23-93 23-93 24-10 24-10 24-21 25-39 26-76 27-01	5tA CL/1F UYNOPTH 00-000 00-073 00-074	SNO VEL 1514-3 1514-3 1512-0 1509-7 1508-7 1489-4	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
LAT 44 27 N LOW 040 21 H CHSTNUM/TIME 03.0 03.0	FIAY HOUR LVLTYP STU 08 S STO 08 S	00000 00000 00000 00010 00010 00020 00024 00024 00030 00070 00070 00075	UATA USE 1 AREA 05  TEMP 17.99 17.99 17.20 10.41 16.09 10.35 00.80 01.25 03.72 04.19 U5.47	SAL  33.21  33.29  33.12  33.03  32.993  33.05  33.42  33.964  34.964  34.06  34.343	SIGMA-T 23.93 23.93 24.05 24.10 24.21 25.35 26.73 27.01 27.01 27.04	5tA CL/TF UYNOPTH 00-000 00-078 00-078 00-104 00-148	SNO VEL  1514-3 1514-3 1512-0 1509-7 1489-0 1451-4 1453-0 1465-4 1467-6 1473-0	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CHSINUM/TIME  03.0  03.0  03.0  03.0  03.0	LVLTYP  STU OBS STO OBS	00000 00010 00010 00010 00012 00024 00027 00027 00070 00070 00070 00094 00102	1 EMP 17.99 17.99 17.99 17.20 10.41 16.09 10.35 00.80 01.25 03.72 04.19 05.47 05.42 05.27	8ARO CL GUL SAL 33.21 33.209 33.12 33.03 32.993 33.05 33.42 33.964 34.36 34.36 34.36	METH 1014.5 D T/A 8/6 SIGHA-T 23.93 23.93 24.05 24.16 24.21 25.39 26.73 26.76 27.01 27.04 27.12 27.14 27.12	00-000 00-000 00-073 00-074 00-104	SNO VEL 1514.3 1514.3 1514.3 1512.0 1509.7 1508.7 1489.0 1451.4 1453.0 1465.4 1467.6 1473.6	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASINUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP STO OBS STO OBS STO UBS STO	10 033_0 0EPTH 00000 00010 00010 00020 00024 00047 00050 00075 00094 00103 00125 00140	17.99 17.99 17.99 17.20 10.41 16.09 10.35 00.85 01.25 03.72 04.19 05.47 05.42 05.27 05.24 05.30	8ARD CLCOU SAL 33.21 33.20 33.12 33.03 32.993 33.05 33.315 34.42 34.34 34.43 34.44 34.48 34.44 34.48	METH 1014.5 D T/A H/6 S1GMA-T 25.93 23.93 24.05 24.21 25.39 26.73 26.73 26.73 27.01 27.04 27.12 27.12 27.12 27.26 27.26 27.26	5tA CL/1F UYNOPIH 00-000 00-073 00-073 00-104 00-148 00-171	SNO VEL 1514.3 1514.3 1514.0 1509.7 1489.0 1451.4 1453.0 1465.4 1473.6 1473.5 1473.6 1473.6 1473.6	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CHSINUM/TIME  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP STO OBS STO	00000 00000 00000 00010 00010 00024 00047 00050 00047 00075 00075 00150 00150 00150 00150	17.99 17.99 17.99 17.99 17.20 10.41 16.09 10.35 00.80 01.25 03.72 04.19 05.42 05.24 05.30 05.48 05.50	8ARD CLCUC SAL 33.209 33.12 33.03 32.993 33.03 35.315 35.42 34.06 34.94 34.06 34.48 34.06 34.48 34.03	METH 1014.5 D T/A H/L SIGMA-T 21.93 23.93 24.15 24.16 24.21 25.39 26.73 26.73 26.73 27.01 27.04 27.12 27.12 27.12 27.12 27.26 27.29 27.40 27.42 27.40 27.42 27.40 27.42 27.40 27.42 27.40 27.42	5 E A CL/TF UYNOPIH 00-000 00.03	SNO VEL 1514.3 1514.3 1512.0 1508.7 1489.0 1489.0 1465.0 1473.0 1473.5 1473.4 1473.6 1474.1 1475.7	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASINUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP OBS STO OBS	00000 00000 00010 00010 00010 00010 00024 00047 00075 00075 00160 00150 00150 00250 00250 00250	17.99 17.99 17.99 17.99 17.20 10.41 16.09 10.35 00.83 01.25 03.72 04.19 05.47 05.42 05.24 05.30 05.48 05.50 00.59	8ARO/CLGUL SAL 33.20 33.12 33.03 32.993 33.05 33.05 33.05 34.44 34.06 34.44 34.93 34.94 34.93 34.93 34.93 34.93 34.93	METH 1014.5 D T/A #/6 SIGMA-T 23.93 23.93 24.15 24.16 24.21 25.39 26.73 20.76 27.01 27.04 27.12 27.26 27.26 27.27 27.40 27.42 27.40 27.42 27.40 27.42 27.53	5 E A CL/TF  UYNOPIH  00-000  0U-U3-y  00-10-y  00-11-y  0U-12-y  0U-22-y  0U-22-y  0U-22-y  0U-22-y  0U-22-y  0U-22-y  0U-21-y	SNO VEL  1514-3 1514-3 1512-0 1508-7 1508-7 1489-0 1451-4 1453-0 1467-0 1473-0 1473-0 1473-1 1476-7 1476-0 1477-1 1476-0 1477-1 1476-0	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
44 27 N 1000 04d 21 M CHSINUM/TIME 03.0 03.0 03.0 03.0 03.0 03.0 03.0	FIAY HOUR LYLTYP OBS STO OBS	00000 00000 00010 00010 00010 00010 00024 00047 000070 00010 00100 00100 00150 100170 00150 00150 00250 00254 00300 00284	TEMP  17.99 17.99 17.90 17.20 10.41 16.09 10.35 00.80 01.25 03.72 04.19 05.47 05.42 05.27 05.27 05.24 05.30 05.59 05.59	8AROCCL GOL \$AL 33.21 33.20 33.12 33.03 33.03 33.05 33.35 34.44 34.48	SIGMA-T  23.93 23.93 24.15 24.16 24.21 25.35 26.76 27.01 27.04 27.12 27.14 27.26 27.26 27.40 27.42 27.53 27.54	5 E A CL/TF  UYNOPIH  00-000  0U-0373  00-107  0U-148  03-177  0U-202  0U-225  00-246  03-283  00-316  0U-346	5 NO VEL  1514.3 1514.3 1514.3 1512.0 1509.7 1508.7 1489.0 1451.4 1455.0 1467.6 1473.6 1473.6 1473.6 1474.1 1475.7 1476.0 1477.3 1478.2 1476.4	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASINUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR STU GBS STO	00000 00000 00010 00010 00010 00024 00024 00010 00010 001000 00100 0000 0000 0000 0000 0000 0000 0000 0000	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 10.41 16.09 10.35 00.80 01.25 03.72 04.19 05.47 05.42 05.27 05.24 05.30 05.48 05.50 05.59 05.65 05.17	SAL  33.21 33.29 33.12 33.03 33.03 33.05 33.15 33.964 34.06 34.44 34.48 34.48 34.48 34.48 34.48 34.73 34.73 34.56 34.88 34.83 35.002	SIGMA-T  23.93 23.93 24.16 24.21 25.35 26.76 27.01 27.04 27.12 27.14 27.26 27.27 27.40 27.42 27.53 27.51 27.53 27.54 27.61 27.63	5 E A CL/TF  UYNOPIH  00-000  00.037  00.107  00.148  00.177  00.202  00.225  00.246  00.346  00.346	SNO VEL  1514-3 1514-3 1514-3 1512-0 1509-7 1508-7 1489-0 1451-4 1453-0 1465-4 1473-0 1473-1 1473-1 1473-1 1473-1 1473-1 1473-1 1473-1 1473-1 1473-1 1474-1 1474-1 1474-1 1474-1 1474-1	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVITYP OBS STO OBS	10 033.0 0EPTH 00000 00010 00120 00120 00121 00120 00125 00140 00150 00150 100191 00250 0025	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 16.41 16.09 10.35 00.80 01.25 03.72 04.19 05.47 05.92 05.27 05.24 05.30 05.48 05.57 05.65 05.17 04.00 04.40 05.13	SAL  33.21 33.29 33.13 33.03 32.993 33.03 33.05 33.315 34.44 34.46 34.46 34.47 34.495 34.484 34.488 34.495 34.484 34.688 34.73 34.50 34.73 34.50 35.01 35.01	SIGMA-T  23.93 23.93 24.15 24.16 24.21 25.35 26.75 27.01 27.04 27.12 27.14 27.22 27.26 27.27 27.40 27.42 27.40 27.42 27.40	5 E A CL/TF  UYNOPIH  00-000  00.037  00.107  00.117  00.1202  00.225  00.246  00.283  00.340  00.401  00.450	SNO VEL  1514.3 1514.3 1514.0 1509.7 1508.7 1489.0 1455.0 1465.4 1473.0 1473.0 1473.6 1473.7 1476.0 1477.3 1478.2 1476.4 1477.3 1478.2 1470.4 1472.7 1470.4	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP OBS STO OBS S	10 33.0    REPTH   00000   00010   00120   00024   00030   00075   00075   00075   00075   00075   00075   000000	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 10.41 16.09 10.35 00.80 01.25 03.72 04.19 US.47 05.42 US.27 05.24 05.30 05.48 05.50 00.55 05.65 US.17 04.00 US.10 05.10 05.02 U4.96	8ARO/CLCOU SAL 33.209 33.12 33.03 32.993 33.03 35.315 34.62 34.06 34.443 34.06 34.443 34.06 34.443 34.06 34.443 34.06 34.46 34.67 34.06 34.47 34.06 34.48 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.06 34.143 34.165 34.165 34.165 34.165 34.165 35.01	METH 1014.5 D T/A #/6 SIGMA-I 23.93 23.93 24.16 24.21 25.39 26.73 26.73 26.73 26.73 27.01 27.01 27.01 27.12 27.14 27.22 27.26 27.29 27.40 27.51 27.51 27.51 27.51 27.61 27.71 27.71 27.71	5 E A CL/TF  UYNOPIH  00-000  00.037  00.107  00.148  00.177  00.202  00.225  00.246  00.346  00.346	SNO VEL  1514.3 1514.3 1514.0 1509.7 1489.0 1451.4 1453.0 1465.4 1465.4 1473.5 1473.6 1474.1 1475.7 1476.0 1477.3 1478.2 1476.4 1477.3 1478.2 1479.3 1479.3 1479.3 1479.3 1479.3 1479.3	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP OBS STO	00000 00010 00010 00010 00010 00010 00010 00010 00010 00010 00125 00100 00150	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 16.41 16.09 10.35 00.85 001.25 03.72 04.19 US.47 05.42 05.24 05.30 05.48 05.50 00.55 05.17 04.00 04.40 US.13 05.10 05.02 04.78 04.84	SAL  33.21  33.20  33.12  33.03  32.993  33.05  33.05  33.05  34.44  34.06  34.44  34.05  34.73  34.85  34.88  35.01  35.01  35.01  35.01  35.01  35.01	METH 1014.5 D T/A #/6 S1GMA-T 23.93 23.93 24.15 24.16 24.21 25.39 26.73 26.73 20.76 27.01 27.04 27.12 27.26 27.26 27.26 27.27 27.51 27.53 27.54 27.61 27.63 27.69 27.71 27.73 27.74 27.75 27.71 27.75 27.71 27.71 27.75 27.77	5 E A CL/TF  UYNOPIH  00-000  00.0379  00.104  00.171  00.202  00.225  00.246  00.316  00.340  00.401  00.450  00.497  00.543	SNO VEL  1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1489.0 1465.0 1473.0 1480.0 1480.0 1480.0 1480.1 1482.1	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP OBS STO OBS	00000 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 00100	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 10.41 16.09 10.35 00.83 01.25 03.72 04.19 05.47 05.42 05.24 05.30 05.48 00.50 00.57 05.65 05.17 04.00 04.40 05.13 05.10 05.02 04.96 04.78 04.54 04.30 04.21	SAL  33.21  33.20  33.12  33.03  33.03  33.03  33.05  33.31  34.94  34.06  34.44  34.06  34.48  34.05  34.88  34.03  34.88  34.03  34.88  34.03  34.88  35.01  35.01  35.01  35.07  36.99  34.97	SIGMA-I  23.93 23.93 24.15 24.16 24.21 25.35 26.13 26.76 27.01 27.04 27.12 27.14 27.26 27.40 27.42 27.53 27.54 27.61 27.63 27.61 27.63 27.63 27.63 27.63 27.63 27.63 27.63 27.63 27.63 27.71 27.71 27.73 27.74 27.74 27.74 27.74 27.74 27.74 27.74 27.74 27.74 27.74 27.74	5 E A CL/TF  UYNOPIH  00-000  00.10 +  00.10 +  00.17 7  00.20 2  00.22 5  00.24 6  00.31 6  00.34 6  00.40 1  00.45 0  00.45 0  00.54 3	SNO VEL  1514.3 1514-3 1514-3 1514-3 1514-3 1508-7 1489.0 1405-6 1473.0 1473.0 1473.0 1473.1 1475.7 1476.4 1477.3 1478.2 1476.4 1472.9 1478.2 1478.2 1478.3 1488.3 1488.3	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LYLTYP ASTO ASS STO ASS ASS ASS ASS ASS ASS ASS ASS ASS AS	00000 00000 00000 00000 00000 00000 0000	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 16.41 16.09 10.35 00.80 01.25 03.72 04.19 05.47 05.42 05.27 05.24 05.30 05.48 05.57 05.65 05.17 04.00 04.40 05.13 05.10 05.02 04.96 04.78 04.68	SAL  33.21 33.29 33.12 33.03 33.03 33.05 33.35 33.35 33.42 33.964 34.06 34.36 34.37 34.95 34.48 34.48 34.48 34.48 34.73 34.95 34.85 34.85 35.01 35.007 34.99	SIGMA-T  23.93 23.93 24.10 24.21 25.35 26.73 26.75 27.01 27.04 27.12 27.12 27.14 27.25 27.40 27.42 27.53 27.61 27.61 27.61 27.63 27.71	5 E A CL/TF  UYNOPIH  00-000  00.0379  00.104  00.171  00.202  00.225  00.246  00.316  00.340  00.401  00.450  00.497  00.543	SNO VEL  1514.3 1514.3 1514.0 1509.7 1508.7 1489.0 1455.0 1465.4 1467.6 1473.6 1473.6 1473.7 1476.0 1477.7 1476.0 1477.7 1476.0 1477.7 1478.2 1479.7 1480.8 1481.7 1482.1 1482.3	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOUR	10 33.0 0	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 10.41 16.09 10.35 00.80 01.25 03.72 04.19 05.47 05.42 05.27 05.24 05.30 05.48 05.50 00.57 05.65 05.77 04.00 04.40 05.10 05.02 04.78 04.68 04.54 04.30 04.21 03.74	SAL  33.21 33.29 33.12 33.03 32.993 33.03 32.993 33.05 33.315 34.44 34.60 34.05 34.73 34.95 34.84 34.83 34.95 34.75 35.01 35.007 34.94 34.97 34.94 34.97	SIGMA-I  23.93 23.93 24.15 24.16 24.21 25.35 26.75 27.01 27.04 27.12 27.14 27.22 27.26 27.27 27.40 27.42 27.51 27.63 27.66 27.69 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.71 27.74 27.75 27.76	5 E A CL/TF  UYNOPIH  00-000  00.0379  00.104  00.171  00.202  00.225  00.246  00.316  00.340  00.401  00.450  00.497  00.543	SNO VEL  1514.3 1514.0 1509.7 1489.0 1451.4 1455.0 1465.4 1473.0 1473.6 1473.6 1473.6 1473.6 1473.7 1476.0 1477.3 1478.2 1476.4 1477.7 1476.9 1479.3 1480.4 1480.6 1481.7 1482.1 1482.3 1483.0 1483.0 1483.0	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	00000 00000 00000 00000 00000 00000 0000	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 10.41 16.09 10.35 00.83 01.25 03.72 04.19 US.47 05.42 05.24 05.24 05.30 05.48 05.50 05.57 05.65 05.17 04.00 04.40 US.13 05.10 05.02 04.78 04.54 04.30 04.21 03.74 03.69 03.52 03.35	8ARO/CLGUL  SAL  33.21  33.20  33.12  33.03  32.993  33.05  35.21  34.96  34.96  34.96  34.96  34.96  34.96  34.97  34.88  35.01  35.01  35.01  35.01  35.01  35.01  35.02  34.99  34.97  34.96  34.96  34.96  34.96  34.96	METH 1014.50 T/A #/6  S1GMA-T  23.93 23.93 24.15 24.16 24.21 25.39 26.73 26.73 26.73 27.01 27.01 27.04 27.12 27.26 27.26 27.27 27.40 27.42 27.51 27.53 27.61 27.63 27.64 27.71 27.73 27.74 27.77 27.77 27.77 27.78 27.78 27.83 27.84	5 E A CL/TF  UYNOPIH  00-000  00.0379  00.104  00.171  00.202  00.225  00.246  00.316  00.340  00.401  00.450  00.497  00.543	SNO VEL  1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1514.3 1489.4 1473.5 1473.5 1473.6 1473.6 1473.6 1473.6 1473.6 1473.7 1480.4 1480.4 1480.4 1480.8 1481.7 1480.4 1481.7 1480.8 1481.7 1482.3 1483.3 1489.4 1493.9 1499.4	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASTNUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LVLTYP OBS STO OBS	00000 00000 00000 00000 00000 00000 0000	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 10.41 16.09 10.35 00.83 01.25 03.72 04.19 05.47 05.42 05.57 05.54 05.50 05.59 05.65 05.10 04.40 05.13 05.10 05.02 04.96 04.78 04.54 04.30 04.21 03.74 03.69 03.52 03.35 03.29 03.01	SAL  33.21 33.20 33.12 33.30 33.03 32.993 33.15 33.42 33.984 34.06 34.488 34.05 34.488 34.05 34.488 34.05 34.488 34.05 34.488 34.05 34.488 34.05 34.488 34.06 34.488 34.06 34.488 34.06 34.488 34.06 34.488 34.06 34.488 34.96 34.96 34.98 34.99 34.94 34.94 34.94 34.94	SIGMA-I  23.93 23.93 24.15 24.16 24.21 25.35 26.76 27.01 27.04 27.12 27.14 27.26 27.26 27.26 27.27 27.53 27.54 27.51 27.53 27.54 27.57 27.77 27.71	5 E A CL/TF  UYNOPIH  00-000  00.0379  00.104  00.171  00.202  00.225  00.246  00.316  00.340  00.401  00.450  00.497  00.543	SNO VEL  1514-3 1514-3 1514-3 1514-3 1514-3 1514-3 1509-7 1508-7 1489-0 1451-4 1473-0 1473-0 1473-1 1483-3	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48
CASINUM/TIME  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0  03.0	FIAY HOUR LYLTYP QBS STO QBS S	00000000000000000000000000000000000000	JATA USE 1 AREA 05  TEMP  17.99 17.99 17.20 16.41 16.09 10.35 00.80 01.25 03.72 04.19 05.47 05.42 05.30 05.48 05.57 05.65 05.17 04.00 04.40 04.40 04.40 04.40 04.40 04.40 04.40 04.40 04.40 04.40 04.40 04.30 04.21 03.74 03.69 03.52 03.35	SAL  33.21 33.29 33.12 33.03 33.03 33.05 33.35 33.35 33.96 34.06 34.06 34.48 34.48 34.48 34.48 34.48 34.48 34.95 34.73 34.95 34.85 34.89 34.94 34.94 34.94 34.94	SIGMA-T  23.93 23.93 24.15 24.16 25.35 26.75 27.01 27.04 27.12 27.12 27.14 27.25 27.26 27.27 27.40 27.42 27.51 27.61 27.61 27.61 27.61 27.75 27.76 27.77 27.77 27.77 27.77 27.79 27.79 27.88 27.883 27.883 27.883	5 E A CL/TF  UYNOPIH  00-000  00.0379  00.104  00.171  00.202  00.225  00.246  00.316  00.340  00.401  00.450  00.497  00.543	SNO VEL  1514.3 1514.0 1509.7 1508.7 1508.7 1508.7 1489.0 1451.0 1455.0 1473.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1480.0 1490.0 1490.0 1490.0	WIND-FOR WEATHER	χι	OURA1 ORIG	A3 05		1	SQUARE 48 SQUARE 48

Table X. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137.— Continued

REFIO 31 2137 CUNSEL 0011 LAT 44 23 N LUNG 048 37 m	MUNT	1972 H 09 10 U9.4	8010F 02498 SHIP HT DATA USC 1 4FEA . US	4] h   i 	1016   13.8 1116   1014.7		of PER	MIND-OLR MIND-SPO WIND-FUR MEATHER	15	TRA	F NANSI CE DIR ATIUN G A3 (	N CAST	5	N SU 1306 SUUARE 2 SOUARE 48 SOUARE 48
CASTNUM/T14E	LVLTYP	ОЕРТН	1 EMP	SAL	51GMA-T	UYNOPIA	SNO VEL	UXY G	P )4	101	برية ع	2 NU3	\$103	PM
	\$10	00000	18.00	33,11	23.85	00.300	151+.2							
09.4	085 STD	00010	18.00	33.110 33.10	23.85	00.040	1514.2 1513.6							
09.4	510 385	00020	17.44 17.33	13.09 31.062	23.96 23.99	00.080	1512.9 1512.6							
	510	00030	13.01	33.16	24.44	00.115	1499.1							
09.4	085 510	00049 00050	04.23 04.16	33.464 33.49	26.56	00.159	1466.6							
09.4	J85	00073	03.77	33.990	21.03		1465.7							
04.4	\$10 JB5	00075 00093	04.D; 06.18	34.04 34.463	27.04 27.13	00.141	1466.9							
	STD	00100	06.14	34.46	21.13	00.239	1476.6							
04.4	085	00147	05.68 05.30	34.478	21.25		1474.0							
	510 510	00150	05.24 04.52	34.48	21.26 21.38	00.300	1473.8							
04.4	UBS	100201	04.51	34.527	27.38	•	1471.7							
U9.4	\$ T O	00250 00299	04.45 04.30	34.64 34.721	27.47 27.55	00.334	1472.4							
03.4	510 085	00300 100397	04.35 04.11	34.72 34.784	21.55	00.365	1472.9							
0,.4	510	00400	04.15	34.79	27.63	00.419	1473.6							
09.4	082 210	00500 00500	04.65 04.85	34.97 34.966	27.69 27.69	00.469	1478.6							
09.4	085	100599	04.57	34.954	27.71		1479.1							
	5 T O 5 T O	00600 00700	04.57 04.53	34.95 34.97	27.11 27.73	00.510	1479.1							
09.4	D85 \$10	100795 00800	04.43 04.42	34-974 34-97	21.14 27.74	00.607	1481.8							
	510	00900	04.21	34.96	27.76	00.651	1482.6							
07-4 09.4	085 085	700996 701497	04.04 03.72	34.953 34.945	21.11 21.19		1483.4							
					*****									
FEF1: 31 2137 C-15ct 0012 LAT 44 32 N	#ORT DAY	1972 70 09 10	HOTEP J1179 SHIP HT DATA USE 1 AFEA US			UIR H OS SEA CL/TR		WIND-OIR WIND-SPO WIND-FUR WEATHER		TRAC	T NANSE CE DIR ATION G A3 (	N CAST	5	N SQ 1306 SQUARE 2 SQUARE 48 SQUARE 48
CT-SEC 0012 LAT 44 32 N LUNO 046 58 N	#ORT DAY	n 09 10	SHIP HT DATA USE 1	WET I	30LB 11.4 4E1R 1013.5	05 5EA	2 4	WIND-5PO WIND-FJR	00	TRAC	CE DIR ATION G A3 (	)59	5	SQUARE 48
C155cc 0012 Lat 44 32 N Luko 046 58 N	MORE JAY HGUP LVLTYP STO	00000	SHIP HT DATA USE 1 AFEA US	WET ( BARC) CLOU! SAL	30LB 11-4 4ETR 1013-5 0 T/A X/9 SIGMA-T 24-40	OS SEA CL/TR	2 4 SNO VEL 1487.6	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
CT-SEC 0012 LAT 44 32 N LUNO 046 58 N	MORE UAY HGUP LVLTYP STO 385	00000 00000 00000	SHIP HT DATA USE 1 AFEA US	WET ( 8 A R C) CL OU( 5 A L 51 - 77 31 - 775	30LB 11-4 4ETR 1013-5 0 T/A x/9 SIGMA-T 24-40 24-40	OS SEA CL/TR UYNUPTH DU-000	SNO VEL	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C1.5CL 0012 L1 44 32 N LUNG 046 58 N C45TNUM/TIME	MORE JAY HOUP  LVLTYP  STO 385 STO STO	05 10 13-7 0EPTH 00000 00000 00000 00000 00000 00000 0000	SHIP HT DATA USE 1 AFEA US	SAL 31.77 31.775 32.03 32.31	30LB 11-4 4ETR 1013-5 0 T/A X/9 SIGMA-T 24-40	OS SEA CL/TR UYNUPTH	2 4 SNO VEL 1487.6	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C155CC 0012 L31 44 32 N LUNG 046 58 N C45TNUM/TIME	MONT JAY HOUP LVLTYP STO 385 STO 351 J85 STD	05 10 10 10 10 10 10 10 10 10 10 10 10 10	SMIP HT DATA USE 1 AFEA US  1FMF 10.36 10.36 00.75 03.73	SAL 31.77 31.775 32.03 32.31 32.456 32.67	30LB 11-4 4ETR 1013-5 0 T/A x/9 SIGMA-T 24-40 24-40 25-14 25-65 20-17	05 5EA CL/TR UYNDPTH DU-000	SNO VEL 1487.0 1487.0 1474.3 1462.0	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C1.5CL 0012 L1 44 32 N LUNG 046 58 N C45TNUM/TIME	MONT JAY HOUP LVLTYP STO 385 STO STO 385	05 10 13.7 0EPTH 00000 00000 00000 00000 00000 00000 0000	SHIP HI DATA USE 1 AFEA US  15NY 10.36 10.36 06.75 03.73	SAL 31-77 31-775 32-03 32-31 32-456	30LB 11-4 4ETR 1013-5 3 T/A X/9 SIGMA-T 24-40 24-40 25-14 25-65	05 SEA CL/TR UYNUPTH DU-000 GJ-032 00-058	SNO VEL 1487.0 1487.0 1474.3 1462.6	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C155CC 0012 L31 44 32 N LUNG 046 58 N C45TNUM/TIME	MONT JAY HOUP LVLTYP STO 385 STO 385 STO UBS STD UBS STD OBS	09 10 10 10 10 10 10 10 10 10 10 10 10 10	SMIP HI DATA USE 1 ArtA US  15 NV 10.30 10.36 00.75 03.73  01.45 - 1.24 - 1.25 - 1.23	WET 1 8 ARL CLOUI 5 AL 31 - 77 31 - 775 32 - 03 32 - 31 32 - 456 32 - 67 33 - 235 33 - 24 33 - 24	30Ld 11.4 4ETR 1013.5 ) T/A X/9 SIGMA-I 24.40 29.40 29.14 25.65 20.17 26.75 26.76 26.89	05 SEA CL/TR UYNUPTH 00.000 03.032 00.058 DD.078	SNO VEL 1487.0 1487.0 1474.3 1462.6 1453.1 1441.9 1441.9	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C**SCC 0012 L01 44 32 N L040 04E 58 N C4SINUM/ITME L3-7	MONT DAY HGUP LVLTYP STD 985 STD 985 STD 985 STD 985 STD 985 STD	0.0000 00000 00000 00000 00000 00000 00000	SMIP HT DATA USE 1 ArtA USE 1 15 MP 10.36 10.36 10.36 06.75 03.73 01.95 - 1.24 - 1.25 - 1.27 - 1.05	WET 1 8 ARL CLOUI 5 AL 31-77 31-775 32-03 32-31 32-456 32-67 33-24 33-24 33-24 33-24 33-34 33-34 33-34 33-34 33-34	30LH 11-4 4ETR 1013-5 7/A X/9 STUMA-I 24-40 29-14 25-69 20-17 26-75 26-90 27-00	05 SEA CL/TR UYNUPTH DU.000 0J.332 00.058 DD.078 DJ-110	SNO VEL  1487-0 1487-0 1474-3 1462-0  1453-1 1441-9 1441-9 1442-4 1442-4	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C45TNUM/TIME  13.7  13.7  13.7	MONT JAY HOUP LyLTYP STO JAS STO STO UBS STD UBS STD UBS STD	05 10 10 10 10 10 10 10 10 10 10 10 10 10	SMIP HI DATA USE 1 ArtA US  15 NY 10.36 10.36 00.75 03.73  01.45 - 1.24 - 1.25 - 1.27 - 1.05 - 1.05	WET 1 8ARL CLOUI 5AL 31-77 31-775 32-03 32-31 32-456 32-67 33-24 33-24 33-41	30Ld 11-4 4ETR 1013-5 ) T/A X/9 SIGMA-I 24-40 24-40 25-14 25-65 26-75 26-75 26-76 26-96 27-00 27-00 27-00	05 SEA CL/TR UYNDPTH 00.000 03.032 00.058 00.078 04.110 00.141	SNO VEL  1487.0 1487.0 1474.3 1462.6  1453.1 1441.9 1441.9 1442.4 1442.4 1444.0	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C45TNUM/TIME  13.7  13.7  13.7	#0.17 #40#  LVLTYP  STO 985 ST	DEPTH  ODO OD	SMIP HI DATA USE 1 ArtA USE 1 10-30 10-36 00-75 03-73 01-95 - 1-24 - 1-25 - 1-23 - 1-27 - 1-05 - 1-05 - 0-49	SAL  51.77 31.775 32.03 32.31 52.95 33.24 33.07 33.41 33.97 33.55 33.71 33.97	30Ld 11.4 16TR 1013.5 17A x/9 SluMA-1 24.40 25.65 26.17 26.75 26.75 26.75 26.76 26.90 27.00 27.00 27.00 27.12 27.22	05 SEA CL/TR UYNUPTH 00.000 00.058 00.078 00.110 00.141 00.168 00.193	SNO VEL  1487-0 1487-0 1474-3 1462-0  1453-1 1441-9 1442-4 1442-0 1444-1 1445-0 1448-1	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C15CC 0012 L01 44 32 N L010 046 58 N C4SINUM/IIME 13.7 13.7 13.7 13.7	#ONT	DEPTH  00000 00000 00000 00010 00020 00025 00030 00050 00074 00075 00094 00150 00148 00150 00148	SMIP HT DATA USE 1 ArtA US  15 MY 10.36 10.36 10.37 00.75 03.73  01.95 - 1.24 - 1.25 - 1.25 - 1.27 - 1.05 - 3.62	#ET   BARC   CLOU!  SAL  31.77 31.775 32.03 32.31 32.456 32.67 33.24 33.07 33.57 33.57	3014 11-4 4ETR 1013-5 77A x/9  \$10MA-1 24-40 25-14 25-65 20-17 26.75 26.75 26.76 27-00 27-00 27-12	05 SEA CL/TR UYNUPTH 00.000 00.032 00.058 00.078 00.110 00.141 00.168 00.193 00.216	SNO VEL  1487.0 1497.0 1474.3 1402.0  1453.1 1441.9 1441.9 1442.4 1442.4 1444.0 1444.0	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C155CC 0012 L01 44 32 N L010 04E 58 N C4SINUM/IIME 13.7 13.7 13.7 13.7	#0.1 HOUP  LYLTYP  STO 085	0 07 13-7 0EPTH 00000 00000 00000 00020 00030 C0049 00050 00074 00075 00099 90160 00125 00148 00150 00125	SMIP HT DATA USE 1 ArtA US  15 Nr  10.36 10.34 00.75 03.73 01.95 -1.24 -1.25 -1.25 -1.25 -1.05 -0.36 01.06 01.16	#ET 1 BARC CLOUI 5AL 31.77 31.775 32.03 32.956 32.07 33.245 33.24 33.24 33.24 33.24 33.24 33.27 33.27 33.27 33.38 33.41 33.38 33.86 33.86 34.17 34.10	3014 11.4 4ETR 1013.5 77A x/9 STUMA-I 24.40 25.14 25.65 20.17 20.75 20.75 20.75 20.89 20.90 27.00 27.00 27.12 27.23 27.40 21.40 21.40 21.40	05 5EA CL/TR UYNUPTH 00.000 00.058 00.078 00.110 00.141 00.168 00.193 00.216	SNO VEL 1487.0 1487.0 1474.3 1462.6 1453.1 1441.9 1441.9 1442.4 1444.0 1444.1 1445.8 1450.3	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C45TNUM/TTME  13.7  13.7  13.7  13.7  13.7  13.7	#0.17 #40#  LVLTYP  STO 985 STO	0 0 1 13.7  OEPTH  ODO 00 00 00 00 00 00 00 00 00 00 00 00 00	SMIP HI DATA USE 1 ArtA	SAL  \$1.77 31.775 32.03 32.31 \$2.95 32.63 32.35 33.24 33.97 33.55 33.71 34.18 34.43 34.44 34.43	30Ld 11.4 4ETR 1015.5 7/A x/9 STUMA-I 24.40 25.65 26.17 26.75 26.75 26.76 27.00 27.00 27.00 27.12 27.22 27.22 27.22 27.23 27.40 27.40 27.40 27.40 27.51	05 5EA CL/TR UYNUPTH 00.000 00.058 00.078 00.110 00.141 00.168 00.193 00.216	SNO VEL 1487.0 1487.0 1474.3 1462.6 1453.1 1441.9 1441.9 1442.4 1444.0 1444.0 1444.1 1445.8 1450.8 1450.8 1450.8	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C15CC 0012 L01 44 32 N L010 046 58 N C4SINUM/IIME 13.7 13.7 13.7 13.7	#OAT JAY HOUP  LYLTYP  STO 385 STO 351 JUS STO 385 STO	0 07 13.7 0EPTH 00000 00000 00010 00020 00025 00030 00074 00075 00099 20160 00125 00148 00150 CU200 100203 0025	SMIP HI DATA USE 1 ArtA US  15 MY  10.36 10.36 10.36 06.75 03.73  01.95 - 1.24 - 1.25 - 1.25 - 1.26 - 1.27 - 1.05 - 1.05 - 1.06 - 0.36 01.08 01.16	#ET 1 BARCI CLOUI 5AL 51.77 31.775 32.03 32.91 32.95 32.96 33.24 33.24 33.24 33.24 33.24 33.24 33.24 33.24 33.27 34.27 3	30LH 11.4 4ETR 1013.5 7/A x/9  STUMA-T  24.40 25.65  20.17 26.75 26.76 26.89 27.00 27.00 27.00 27.12 27.22 27.23 27.40 27.40 27.40 27.51	05 SEA CL/TR UYNUPTH 00.000 00.032 00.058 00.078 00.141 00.141 00.141 00.193 00.216 00.255	SNO VEL 1487-0 1487-0 1487-3 1474-3 1462-0 1453-1 1441-9 1441-9 1444-0 1444-1 1444-3 1448-1 1448-1 1440-3 1450-3 1450-3	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C45TNUM/TTME  13.7  13.7  13.7  13.7  13.7  13.7	#0.1	P. 07 13.7  DEPTH  000 00	SMIP HT DATA USE 1 ArtA US  1FMY 10.36 10.36 10.37 01.45 -1.24 -1.25 -1.25 -1.25 -1.26 -1.27 -1.05 -1.05 -0.36 01.16 02.32 03.15 03.54	#ET 18 BARC CLOUID SAL 31.77 31.775 32.03 32.95 32.07 33.24 33.07 33.24 33.40 1 33.96 7 33.98 34.10 34.61 5 34.71 34.61 5 34.71 34.71 34.71	3014 11.4 4ETR 1015.5 7/A x/9  \$10MA-1 24.40 25.14 25.65 20.17 26.75 26.75 26.89 27.00 27.00 27.12 27.23 27.40 27.56 27.56 27.56 27.56 27.56 27.56 27.56 27.56 27.62 27.62 27.62 27.62 27.62 27.62 27.62 27.62 27.62 27.62	05 SEA CL/TR UYNUPTH 00.000 00.032 00.058 00.078 00.110 00.141 00.168 00.193 00.216 00.255 00.287 00.315	SNO VEL 1487.0 1487.0 1474.3 1462.0 1453.1 1441.9 1441.9 1442.4 1444.0 1442.1 1442.3 1448.1 1445.3 1450.3 1450.3 1450.3 1457.8 1471.1	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C15 C	#0.1 Haup  LyLTyp  STO 085	P. 04 13.7  DEPTH 000 00 000 0	SMIP HT DATA USE 1 ArtA US  15 Nr  10.36 10.34 00.75 03.73 01.95 -1.24 -1.25 -1.25 -1.25 -1.05 -0.36 01.06 01.16 02.32 03.15 03.17 03.54 03.73 03.74	#ET 16 BARC CLOUID SAL 31-77 31-775 32-03 32-31 32-35 33-24 33-34 1 33-36 33-35 33-41 33-36 34-11 34-76 34-71 34-76 34-76 34-76 34-76 34-76 34-76 34-76 34-76	3014 11.4 4ETR 1013.5 7/A x/9  \$10MA-I 24.40 25.14 25.65 20.17 20.75 20.75 20.89 27.00 27.00 27.12 27.22 27.23 27.40 27.56 27.56 27.56 27.56 27.56 27.56 27.66	05 SEA CL/TR UYNUPTH 00.000 00.058 00.078 00.110 00.141 00.168 00.193 00.216 00.255 00.287 00.316 00.367	SNO VEL 1487.0 1487.0 1474.3 1462.6 1453.1 1441.9 1441.9 1442.4 1444.0 1444.1 1445.8 1450.8 1450.0 1407.8 1407.8 1471.1 1473.7	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C15 C 0012 L01 44 32 N L010 04E 58 N  C45INUM/IIME  13.7 13.7 13.7 13.7 13.7 13.7 13.7 13.	#OAT JAY HOUP STO JOS	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SMIP HT DATA USE 1 ArtA US  10.36 10.36 10.36 00.75 03.73  01.95 - 1.24 - 1.25 - 1.27 - 1.05	SAL  \$1.77 \$1.775 \$2.03 \$2.51 \$2.56 \$2.67 \$3.25 \$3.24 \$3.407 \$3.547 \$3.547 \$3.547 \$3.547 \$3.61 \$3.71 \$3.97 \$3.61 \$3.71 \$3.947 \$3.71 \$3.947 \$3.71 \$3.947 \$3.71 \$3.947 \$3.71 \$3.947 \$3.71 \$3.947	3014 11.4 4ETR 1013.5 7/A x/9  \$1GMA-I  24.40 25.65  26.17 26.75 26.76 26.89 27.00 27.00 27.12 27.22 27.22 27.24 27.40 27.40 27.56 27.56 27.56 27.56 27.56 27.56 27.66 27.66 27.66	05 SEA CL/TR UYNUPTH 00.000 00.032 00.058 00.078 00.110 00.141 00.168 00.193 00.216 00.255 00.287 00.315	SNO VEL 1487-0 1487-0 1487-3 1474-3 1462-0 1453-1 1441-9 1441-9 1444-0 1444-0 1444-1 1446-3 1450-3 1450-3 1450-0 1407-0 1407-1 1471-1 1471-1	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C15 0012  C1 44 32 N  C45 INUM/ITME  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7	#0.1	P. 07 13.7  DEPTH  000 00 00000 00000 00000 00000 00000 00000 0000	SMIP HI DATA USE 1 ArtA US  1 FMY  10.36 10.36 10.37 01.45 -1.24 -1.25 -1.27 -1.25 -1.27 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.05 -1.03 -1.05 -	#ET 18 BARC CLOUID SAL 31.77 31.773 32.93 32.93 32.94 33.94 33.94 33.94 33.94 33.94 33.94 34.94	3014 11.4 4ETR 1013.5 7/A x/9  \$10MA-1  24.40 25.14 25.65  20.17 20.75 20.76 20.90 27.00 27.00 27.12 27.22 27.23 27.40 27.56 27.60	05 SEA CL/TR UYNUPTH 00.000 00.032 00.058 00.078 00.110 00.141 00.168 00.193 00.216 00.255 00.287 00.315 00.416 00.467	SNO VEL 1487.0 1487.0 1487.3 1474.3 1462.0 1453.1 1441.9 1441.9 1442.4 1444.0 1446.1 1445.8 1450.3 1450.3 1450.1 1471.1 1473.7 1473.7	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C15 0012  C1 44 32 N  C45 INUM/ITME  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7	#0.1 JAY HOUP  LYLTYP  STO 085	P. 07 13-7  DEPTH  000 000 00 000 000 00 000	SMIP HT  DATA USt 1  ArtA US 1  1 FMY  10.36 10.36 10.37 01.95 -1.24 -1.25 -1.25 -1.26 -1.27 -1.05 -1.03 -1.05 -1.	#ET   BARC   CLOUID   SAL   S1.77   S1	3014 11.4 4ETR 1015.5 7/A x/9  \$10MA-1 24.40 25.14 25.65 20.17 26.75 26.76 20.90 27.00 27.12 27.22 27.22 27.22 27.22 27.22 27.23 27.40 27.60	05 SEA CL/TR  LYNUPTH 00.000 00.032 00.058 00.078 00.110 00.141 00.168 00.193 00.216 00.255 00.287 00.3167 00.416 00.467	SNO VEL 1487.0 1487.0 1474.3 1462.0 1453.1 1441.9 1441.9 1442.4 1444.0 1444.1 1445.8 1450.3 1450.3 1450.1 1471.1 1473.7 1477.7 1477.7	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C+5CC 0012 C1 4-32 N C4-5NUM/TIME 13-7 13-7 13-7 13-7 13-7 13-7 13-7 13-7 13-7 13-7	#OAT JAY HOUPE STO JOS JOS JOS JOS JOS JOS JOS JOS JOS JO	P. 07 10-7 13-7 DEPTH 00000 00000 00010 00010 00020 00025 00030 00074 00075 00199 00100 00125 00148 00150 00300 00100 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 100000 10000 10000 10000 10000 10000	SMIP HT DATA USE 1 ArtA US  10.36 10.36 10.36 00.75 03.73  01.95 - 1.24 - 1.25 - 1.27 - 1.05	SAL  \$1.77 \$1.775 \$2.03 \$2.91 \$2.956 \$2.67 \$3.245 \$3.907 \$3.35.71 \$3.947	3014 11.4 4ETR 1013.5 7/A x/9  \$1GMA-I  24.40 25.14 25.65  20.17 26.75 26.76 20.89 27.00 27.00 27.12 27.22 27.22 27.24 27.40 27.40 27.56 27.66 27.66 27.66 27.66 27.66 27.66 27.66 27.66 27.66 27.66	05 SEA CL/TR UYNUPTH 00.000 00.032 00.058 00.078 00.110 00.141 00.168 00.193 00.216 00.255 00.287 00.315 00.416 00.467	SNO VEL 1487.0 1487.0 1474.3 1462.0 1453.1 1441.9 1441.9 1442.4 1444.0 1444.1 1445.8 1450.3 1450.3 1450.1 1471.1 1473.7 1477.7 1477.7	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48
C15 0012  131 44 32 N  131 44 32 N  C45 INUM/ITME  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7  13.7	#0.1 JAY HOUP  LYLTYP  STO 385	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SMIP HT DATA USE 1 ArtA US  10.36 10.36 10.36 00.75 03.79  01.45 - 1.24 - 1.25 - 1.25 - 1.25 - 1.26 - 1.27 - 1.05	#ET 1 BARC CLOUID SAL S1.77 S1.775 S2.03 S2.07 S3.24 S3.07 S3.24 S	3014 11.4 4E1R 1013.5 7/A x/9  \$10MA-1  24.40 25.14 25.65  20.17 26.75 26.76 26.89 27.00 27.00 27.12 27.22 27.23 27.40 27.46 27.51 27.62 27.62 27.62 27.62 27.62 27.62 27.62 27.62 27.65 27.66 27.66 27.66 27.66 27.66 27.66	05 SEA CL/TR UYNUPTH 00.000 00.032 00.058 00.078 00.110 00.141 00.168 00.216 00.255 00.216 00.255 00.417 00.467 00.467 00.516 00.564	SNO VEL 1487-0 1487-0 1487-3 1474-3 1462-6 1453-1 1441-9 1441-9 1442-4 1444-0 1444-1 1445-3 1450-3 1450-3 1450-3 1450-1 1471-1 1	WIND-SPO WIND-FUR WEATHER	00 x4	TRAC GURI GR 10	CE DIR ATION G A3 (	)59	5 2 1	SQUARE 2 SQUARE 48 SQUARE 48

Table X.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC HAMILTON, 8-10 September 1972, Prepared from NODC Listing No. 31-2137,—Continued

HEFT 31 CC 45EU EST 49 U.50 J49	36 V	MUNT	197, 10 10,1	SUTUP 43538 Ship HI JATA USE I HFFA 05			35 5€A		MIND-O1K MIND-SPD WIND-FJR MEATHEK	13	TRACE DURA 1			5 2	N SQ 1 SQUARE SQUARE SQUARE	E 48
_1514041	114:	LVLTYP	138 + 1714	1 E MP	SAL	51-M4-T	HISCHYU	SND VEL	JAYG	PJ4	ICT P	NUZ	NÚS	\$103	ρН	
		510	30000	04.56	31.08	24.45	00.003	1484.5								
	10.1	38.5	130.10	09.50	31.077	24.45		1434.5								
		STU	10010	05.65	32.35	25.52	00.330	1470								
		STU	00020	12.01	32.83	20.21	00.351	1459.3								
	16.1	185	01025	01-37	32.997	25.43		1455.2								
		STU	06 330	30.53	33.02	20.50	00.068	1441.3								
	16.1	385	130047	- 1.04	108.دو	25.06		1439.8								
		STD	L JU50	- 1.62	35-12	20.07	03.397	1439.9								
	16.1	ut 5	00014	- 1.44	33.285	20.80		1441.4								
	•	STU	anc 15	- 1.45	33.29	20.80	00.133	1441.4								
	10.1	Ub 5	64460	- 1.64	33.365	20.81		1441.0								
	-	STU	00100	- 1.65	33.37	20.01	00.160	1441.1								
		510	601.5	- 1.30	33.+5	20.53	00.18#	1443.2								
	10.1	uBS.	00148	- 1.0-	33.526	20.48		1444.9								
		STD	00150	- 1.03	33.53	25.98	00.217	1445.0								
		STO	60,00	- 0.70	33.64	21.06	00.204	1447.5								
	16.1	003	00247	- 0.40	33.354	21.22		1447.9								
		STU	03250	- 0.20	33.00	27.24	00.15	1450.0								
		STD	00300	JI-35	34.23	21.43	₽0.352	1459.3								
	10.1	LdS.	00302	01.40	34-241	27.43		1459.5								
		STU	03400	02.56	34.49	27.54	00.415	1466.0								
	10.1	Cas	100461	02.57	34.488	27.54		1400.7								
	10.1	udS	100495	42.63	34.512	27.05		1400.5								

REFID 31 213 CONSEC 0014 LAT 44 40 1 LCN: 044 20 4	4 AUNTI V DAY	1 - 1 / H U + LU LT . d	SHIP HT DATA USE 1 AREA USE	nET 3 L BΔHLA	OULS 11.2 (ET# 1010.9	J7 stA	SIPER	MIND-SPU MIND-FUH MEATHER	Üь	TRACE			5 2	N SQ 1 SQUARE SQUARE SQUARE	4
CASTNUM/T1ME	LVLTYP	DEPIH	TEMP	2 AL	Sluma-I	HIGHIAD	SND VEL	JXY G	PJy	TUT P	NDZ	ND3	\$103	Рн	
	STO	00000	10.72	31.58	2++19	00+200									
17.8	08 S	CĐOƯƯ	10.72	31.581	24.19		1.488.6								
	STO	00013	05.41	32.33	25.47	00.031	1471.7								
	STO	00020	02.44	32.84	20.23	00.051	1457.0								
17.8	JBS	00025	01.10	33.000	20.46		1451.9								
****	510	00030	JU • 06	33.31	26.52	00.070	1447.3								
17.8	08.5	00045	- 1.32	33.053	40.01		1441.2								

Table XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.

REFTO 31 8237 CONSEC UU31 LAT 37 24 N LUNG 050 20 H	MUNT Day	1971 H 03 07 22+2	8010P 05212 SHIP DG OATA USE 1 AREA US	WET GAR	TEMP 10.3 8018 15.5 HETK 1030.3 ID 174		GT PER 5 2	HIND-DIR HIND-SPD HIND-FOR HEATHER	23	TRAL OURA	STO REC E OIR Tiun 44 025	0K0ER 0 00.4	5	N SQ 1 SQUARE SQUARE SQUARE	60
CASTNLP/TIME	LVLTYP	UEPTH	TEMP	SAL	SIGMA-1	OYNOPIH	SNO VEL	JXY G	P ] 4	TOT P	NO2	NO3	\$103	Рн	
	012	00000	16.55	36.37	26.61	00.000	1514.8								
22.2	065	00000	16.88	30.37	20.01		1514.8								
	\$10	00010	10.86	36.37	20.62	00.014	1515.0								
	085	00010	16.80	36.37	20.62	00.328	1515.0								
	012 280	00020 00020	16.d8 16.d8	36.37	26.61 26.61	00.028	1515.2								
	STD	00020	10.88	30.37	20.61	00.043	1515.3								
	185	00030	16.88	36.37	26.01		1515.3								
	SID	00050	16.09	30.37	25.01	00.072									
	185	00050	16.89	36.37	26.61		1515.7								
	STU	00075	16.40	30.37	26.01	00.108	1516.1								
	UBS	00075	16.90	36.37	20.01		1516.1								
	510 U85	00100	16.90	36.38	26.61	00.145	1516.6								
	510	00125	16.90 16.90	8t.ot	26.61 25.61	00.182	1517.0								
	167	00125	16.90	30.38	26.61	00.102	1517.0								
	510	00150	16.91	30.38	20.61	00.219	1517.4								
	085	00150	16.91	36.38	26.61		1517.4								
	STO	00200	16.91	36.38	20.61	00.293	1518.2								
	-385	00200	16.91	36.38	20.61		1518.2								
	510	00250	16.79	36.34	26.61	00.369	1518.0								
	085	00250	16.79	30.34	20.61	00 //5	1518.6								
	\$10 085	00300	16.34	30.24 36.24	20.64	00.445	1518.0 1518.0								
	Stu	00400	15.44	36.07	26.72	00.593	1516.6								
	085	00400	15.44	36.07	26.72		1516.6								
	UBS	00450	14.78	35.95	20.77		1515.2								
	570	00500	14.48	15.47	20.85	00.734	1515.1								
	UBS	J0500	14.48	35.97	26.85		1515.1								
	\$10	00600	13.44	35.80	26.94	00.866	1513.2								
	085	00400	13.44	35.80	26.94	00.000	1513.2								
	\$10 \18\$	00700	11.96 11.96	35.57 35.57	27.06 27.06	00.990	1509.5								
	STO	00800	10.16	35.34	27.21	01.102	1504.6								
	085	00800	10.16	35.34	27.21		1504.0								
	STO	00900	08.26	35.16	27.38	01.158	1498.9								
	UBS	00900	08.20	35.16	27.38		1498.9								
	510	01000	07-12	35-14	27.53	01.278	1496.2								
	OBS STD	01100	07.12 06.17	35.14 35.08	27.53 27.61	01.347	1496.2								
	085	31100	06.17	35.08	27.61	01.347	1494.0								
	\$10	01200	05.45	35.06	27.69	01.407	1492.8								
	085	01200	05.45	35.06	27.69		1492.8								
	510	01300	05.01	35.04	27.73	01.462	1492.6								
	UBS	01300	05.01	35.04	27.73		1492.6								
	085	01340	35.08	35.06	27.73	0	1493.6								
	510 085	01400 01400	04.98	35.06	27.75	01.515	1494.2								
	085	01490	04.98 04.81	35.06 35.07	21.15 21.11		1495-0								
	STU	01500	04.77	35.07	27.78	01.566	1495.1								
	085	01500	04.77	35.07	27.78		1495.1								
	STO	01750	04.26	35.01	27.79	01.690	1497.1								
	085	01750	04.26	35.01	21.19		1497.1								
	38.5	01780	04-16	35.01	27.80		1497.3								
	085 085	01820 01840	04.30 04.19	35.04	27.81 27.80		1498.5								
	085	01880	04.19	35.02 35.04	27.81		1499.5								
	085	01920	04.04	34.99	27.80		1499.0								
	085	01930	04.12	35.02	27.81		1499.6								
	510	02000	03.88	34.98	27.80	01.813	1459.7								
	08.5	02000	03.88	34.98	27.80		1499.7								
	012	02500	03.52	34.98	27.84	02.053	1506.7								
	085	02500	03.52	34.98	27.84	43 39 *	1506.7								
	S T O	03000	03.11	34.96	27.86	02.287	1513.6								
	085	03000	03.11	34.96	27.86		1513.6								

Table XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257,—Continued

PEFTO 31 8257 CUNSEC 0002 LAT 37 50 N LUNG 050 20 H	YEAR MUNTH DAY HOUR	03	BUTOP 05486 SHIP DG DATA USE 1 AREA 05				GT PEK 5 2	#IND-DIR #IND-SPD #IND-FOR #EATHEN	12	THACE OURA!		GKØER 0 00•2	2	EN SU 120 SQUARE SQUARE 6 SQUARE 1	3 60
CASTNUMITIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	D XY G	P )4	TOF P	NDZ	NO3	51.13	РН	
	012	00000	16.53	36.31	26.64	60.000	1513.9								
01.4	U85	00000	10.58	36.31	26.64		1513.9								
	STO	00010	16.58	36.31	26.64	00.014	1514.0								
	085	00010	10.50	30.31	25.64		1514.0								
	STD	00020	16.58	36.32	26.64	00.028	1514-2								
	085	000 20	16.58	30.32	20.64	00 0/ 1	1514.2								
	510 J85	00030	16.59 16.59	36.32 36.32	26.64 26.64	00.042	1514.4								
	012	00050	16.59	36.32	26.64	00.070	1514.7								
	085	00050	16.59	36.32	26.64		1514.7								
	STO	00075	16.59	36.32	26.64	00.100	1515.1								
	085	00075	16.59	30.32	20.64		1515.1								
	510	00100	16.54	36.33	26.65	00.142	1515.0								
	UBS	001 00	10.59	36.33	26.05		1515.0								
	STD JBS	00125 00125	16.60 16.60	30.33	20.65	00.178	1516.0								
	012	00150	16.60	36.33	26.65 26.65	00.214	1516.J 1516.4								
	085	00150	16.60	30.33	26.65	00.214	1510-4								
	\$10	00200	16.61	30.34	26.65	00.267	1517.3								
	u85	00200	16.61	36.34	26.65		1517.3								
	510	00250	16.62	30.34	26.65	106.00	1518.1								
	OBS	00250	16.62	36.34	26.65		1516.1								
	STD	00300	16.63	30.34	26.65	00.435	1519.0								
	085 085	00300 00350	16.63 16.63	36.34 36.33	26.65 26.64		1519.0								
	510	00400	16.11	36.23	26.69	00.585	1519.8 1516.9								
	985	00400	16.11	30.23	26.69	00.767	1518.9								
	STO	00500	14.98	30.03	20.79	00.731	1510.8								
	085	<b>DOS GO</b>	14.98	36.03	26.79		1516.3								
	STO	006 00	14.13	35.88	26.86	00.870	1515.5								
	085	00600	14.13	35.88	26.86		1515.5								
	5 T D DB S	00700 00700	12.92	35.65	26.93	C1.005	1512.9								
	085	00730	12.92 12.49	35.65 35.64	26.93 27.01		1512.9								
	STO	00800	11.57	35.52	27.09	01.130	1509.8								
	JB 5	00800	11.57	35.52	27.09		1509.8								
	<b>UB</b> \$	00865	09.89	35.20	27.15		1504.5								
	085	0880	09.49	35.27	27.27		1503.3								
	510	00900	09.27	35.25	27.29	01.238									
	085 085	00900	09.27 08.09	35.25 35.14	27.29 27.39		1502.8								
	UBS	00475	08.22	35.20	27.42		1499.3 1500.1								
	STO	01000	08.01	35.22	27.46	01.327									
	DBS	01000	08.01	35.22	27.46		1499.7								
	510	01100	06.97	35.14	27.55	01.403	1497.3								
	085	01100	06.97	35-14	27.55		1497.3								
	OBS	01130	06.71	35.14	27.59		1496.0								
	085 085	01145 01165	06.69 06.7d	35.17 35.20	27.62 27.63		1497.0								
	385	01190	06.54	35.16	27.63		1497.7 1497.1								
	STO	01200	C6.50	35.18	27.65	01.471	1497.1								
	085	01200	06.50	35.18	27.65		1497.1								
	085	01225	06.52	35.23	27.69		1497.7								
	085	01280	05.92	35.15	27.70		1496-1								
	510 085	01300 01300	06.04 06.04	35.20	27.73	01.531	1497.0								
	510	01400	05.77	35.20 35.17	21.13 21.14	01.587	1497.J 1497.6								
	085	01400	05.77	35.17	27.14	01.000	1497.6								
	510	01500	05.40	35-14	27.76	01.041									
	085	01500	05.40	35-14	27.76		1497.7								

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TABLE XL. -Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

HEFTO 31 8257 CONSEC 0003 LAT 38 19 N LONG 050 20 H	MUNT	1971 1 03 08 04-7	BOTOP 05303 SHIP UG OATA USE 1 AREA 05	HET BAR	TEMP 17.2 HULB 16.2 DMETR 1016.6 JD T/A		GT PER 5 2	MIND-DIR WIND-SPD MIND-FOR WEATHER		TRACE		03.2	5	N SQ 1. SQUARE SQUARE SQUARE	3 80
CASTNUMZTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	HTACHAO	SND VEL	JXYG	P 34	TOT P	N02	NU3	5133	Рн	
	510	00000	16.98	36.37	26.59	00.000	1515.1								
04.7	085	00000	16.98	30.37	20.59		1515.1								
	510	00010	16.98	36.37	20.59	00.014	1515.3								
	085	00010	16.98	36.37	26.59		1515.3								
	510	00020	16.99	30.38	26.59	00.029	1515.5								
	085	00020	16.99	30.38	26.59		1515.5								
	510	00030	16.99	36.38	26.59	00.043	1515.7								
	085	00030	16.99	36.38	26.59		1515.7								
	510	00050	16.99	36.38	26.55	00.073	1516.0								
	085	00050	16.99	36.38	26.59		1516.0								
	510	00075	17.00	36.39	26.6C	00.110	1516.5								
	OBS	00075	17.00	36.39	26.60		1510-5								
	STO	00100	17.00	36.39	26.60	00.147									
	OBS	00100	17.00	36.39	26.60		1516.9								
	STD	00125	17.01	36 - 39	20.60	00.184	1517.3								
	085	00125	17.01	36.39	20.60		1517.3								
	510	00150	17.01	36.39	26.60	00.221	1517.7								
	085 510	00150	17.01	36.39	26.60	00.296	1517.7								
	085	00200	17.01	36.40	26.60 26.60	00.296	1518.5								
	\$10	00250	17.02	36.40	26.60	00.372	1519.4								
	085	00250	17.02	36.40	26.60	00.312	1519.4								
	\$10	00300	17.01	36.40	26.60	00-449	1520.2								
	085	00300	17.01	36.40	26.60	******	1520.2								
	085	00350	16.98	36.39	26.60		1520.9								
	510	00400	16.72	36.31	26.60	00.605	1520.9								
	085	00400	16.72	36.31	26.60		1520.9								
	\$10	005 00	15.77	36 - 17	26.72	00.759	1519.4								
	085	00500	15.77	36.17	26.72		1519.4								
	510	00600	14.36	35.93	26.85	00.903	1516.3								
	085	00600	14.36	35.93	26.85		1516.3								
	510	00700	12.78	35.67	26.97	01.036	1512.5								
	OBS	00700	12.78	35.67	26.97		1512.5								
	510	00800	10.96	35.45	27.15	01.156	1507.6								
	085	00900	10.96	35.45	27.15		1507.6								
	\$10	00900	09.40	35.30	27.31	01.259	1503.4								
	JB S	00900	09.40	35.30	27.31	01 147	1503.4								
	5 T O OB 5	01000	07.84	35.21	27.48	01.347	1499.1								
	012	01100	07.84 06.72	35.21 35.13	27.48 27.58	01 421	1496.3								
	085	01100	06.72	35.13	27.58	01.421	1496.3								
	510	01200	06.26	35.15	27.66	01.486	1496.2								
	08.5	01500	06.26	35.15	27.66	01.450	1496.2								
	510	01300	05.84	35.16	21.72	01.545	1496.2								
	085	01300	05.84	35.16	27.72		1496.2								
	510	01400	05.44	35.16	27.77	01.599	1496.2								
	085	01400	05.44	35.16	27.77		1496.2								
	STO	01500	05-10	35.11	27.77	01.651	1496.5								
	OBS	01500	05.10	35.11	27.77		1496.5								

Table XL—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7–9 March 1971, Prepared from NODC Listing No. 31–8257,—Continued

REFID 31 8257 CURSEC 0004 LAT 38 55 N LCNG 050 20 H	MUNTH DAY	1971 - 03 - 08 - 08-2	BDTDP U5121 SHIP UG DATA USE E AREA 05				GT PER 2 2	H [ND-OTR 41NU-SPD #1ND-FOR WEATHER	14	TRACE		ORDER U OU•2	TEN 50 1207 5 SOUARE 3 2 SOUARE 80 1 SQUARE 80
CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	S LUMA -T	OYNDPTH	SND VEL	DXYG	P)4	TOT P	NO2	ND3	5103 PM
	6.7.0	60000	14 00	34 30	34 43	00 202	1617						
06.2	\$10 U85	00000	16.90 16.90	36.38 36.38	26.61 26.61	00.000	1514.≯ 1514.9						
06.2	510	00010	16.91	36.38	20.61	00.014	1515.1						
	J85	00010	16.91	36.38	26.61	00.014	1515.1						
	STO	00020	16.91	36.38	26.61	00.028	1515.3						
	085	00020	16.91	36.38	26.61	••••	1515.3						
	510	00030	16.91	36.38	26.61	00.043	1515.4						
	OBS	00030	16.91	36.38	20.01		1515.4						
	STD	00050	16.92	36.38	26.61	00.072	1515.8						
	085	00050	16.92	36.38	26.61		1515.8						
	STD	00075	16.92	36.39	20.62	00.108	1516.2						
	UBS	00075	16.92	36.39	20.62		1516.2						
	510	00100	16.92	36.39	26.62	00-145	1516.6						
	085	00100	16.92	36.39	26.62	00 101	1516.6						
	51D 085	00125	16.93	36.39	26.61	00.181	1517-1						
	510	00125	16.93 16.93	36.39 36.39	26.61 26.61	00 310	1517.1 1517.5						
	085	00150	16.93	36.39	26.61	00.218	1517.5						
	D85	001 75	16.93	36.40	26.62		1517.9						
	STO	00200	16.94	36.40	26.62	00.293	1518.3						
	DBS	00200	16.94	36.40	26.62	*****	1518.3						
	085	00220	16.92	36.39	26.62		1518.6						
	STO	00250	16.87	36.39	26.63	00.368	1518.9						
	085	00250	16.87	36.39	26.63		1518.9						
	STO	00300	16.79	36.37	26.63	00.443	1519.5						
	085	00300	16.79	36.37	26.63		1519.5						
	510	00400	16.72	36.36	26.64	00.596	1520.9						
	OBS	00400	16.72	36.36	26.64		1520.9						
	085	00445	16.61	36.33	26.64		1521.3						
	\$10	00500	15.78	36.15	26.70	00.748	1519.4						
	085 510	00500 00600	15.78 14.18	36.15	26.70 26.84	00.894	1519.4						
	085	00600	14.18	35.87 35.87	26.84	00.874	1515.7 1515.7						
	\$10	00700	12.38	35.60	27.00	01.026	1511.0						
	085	00700	12.38	35.60	27.00		1511.0						
	STO	00800	10.36	35.36	27.19	01.142							
	085	00800	10.36	35.36	27.19		1505.3						
	085	00850	09.35	35.21	27.24		1502.3						
	570	00900	08.68	35.24	27.38	01.239	1500.6						
	088	00900	08.68	35.24	27.38		1500.6						
	STO	01000	07.44	35.21	27.54	01.320	1497.5						
	085	01000	07.44	35.21	27.54		1497.5						
	STD	01100	06.72	35.21	27.64	01.388	1496.4						
	280	01100	06-72	35.21	27.64	01 444	1496-4						
	510 085	01200 01200	06.11 06.11	35.23 35.23	27.74 27.74	01.446	1495.7 1495.7						
	210	01300	05.60	35.16	21.75	01.499	1495.7						
	085	01300	05.60	35.16	27.75	210777	1495.2						
	\$10	01400	05.39	35.13	27.75	01.552							
	085	01400	05.39	35.13	27.75		1496.0						
	510	01500	04.99	35.11	27.78	01.604							
	085	01500	04.99	35.11	27.78		1496.0						
					•••••	•••••	•						

Table XI.—Observed and Interpolated Oceanographic Data from Stations Oceupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31–8257,—Continued

REFID 31 8257 CUNSEC 0005 LAT 39 10 N LUNG 050 18 H	T MOM T	1971 H 03 08 11.4	BUTUP 05577 SHIP OG OATA USE 1 AREA 05	WET BARD	TEMP 17.3 BULB 15.6 METH 1015.7 ID 174		ut PER 5 3	WEND-01R WIND-SPO WINO-FJR WEATHER	50	TRACE DURAT		00.2	5	N SQ 1 SQUARE SUDARE SUUARE	80
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	S1.MA-T	OYNOPTH	SND VEL	JXY6	P.) 4	TOT P	NOZ	NG3	\$103	РН	
	STO	00000	17.05	36.39	26.59	00.000	1515.4								
11.4	OBS	U01100	17.05	36.39	26.59		1515.4								
***	510	00010	17.05	36.39	26.59	00.014									
	185	00010	17.05	36 - 39	20.55		1515.5								
	STD	00020	17.06	36.37	20.58	00.329	1515.7								
	UBS	00020	17.06	30.39	26.58		1515.7								
	510	00030	17.06	36.39	26.58	00.044	1515.9								
	485	10030	17.06	36. 19	26.58		1515.9								
	SID	00050	17.06	36.39	26.58	00.073	1516.2								
	085	00050	17.06	36.39	26.58		1516.2								
	510	00075	17.06	36.40	26.59	00.110									
	ORZ	20075	17.06	36.40	25.59		1516.6								
	012	001 00	17.07	36.40	20.55	00.147									
	08.5	00100	17.07	36.40	20.55		1517.1								
	\$10	00125	17.07	36-41	20.60	00.185									
	1185	00125	17.07	36-41	26.60		1517.5								
	510	00150	17.07	36.41	26.60	00.222									
	085	00150	17.07	36.41	26.60	00 107	1517.9								
	STD	00200	17.07	36.41	26.60	00.297	1518.7								
	085 STD	00200 00250	17.07 17.05	36.41	20.60 26.59	QU. 374	1519.5								
	STO	00300	17.03	36.39	26.59	00.451	1520.2								
	085	00300	17.03	36.39	26.55	00.471	1520.2								
	095	00370	16.98	36.40	26.61		1521.3								
	\$10	00400	16.70	36.37	26.64	00.606	1521.1								
	085	03400	10.78	36.37	26.64	••••	1521.1								
	012	00500	15.33	36.07	26.74	00.757									
	UBS	00500	15.33	36.07	26.74		1518.0								
	STU	00600	14.23	35.87	26.83	00.901									
	JB 5	00600	14.43	35.87	26.83		1515.9								
	510	00700	12.12	35.56	27.02	01.032	1510.1								
	085	00700	12.12	35.56	27.02		1510.1								
	STD	00800	09.76	35.26	21.21	01.146	1503.0								
	08.5	00800	09.76	35.26	27.21		1503.0								
	STO	00900	07.48	35.11	27.46	01.237	1495.9								
	085	00900	07.48	35.11	27.46		1495.9								
	STO	01000	05.70	34.99	27.60	01.307									
	782	01000	05.70	34.99	27.60		1490.4								
	085	01030	04.98	34.93	27.64		1487.9								
	380	01090	04.97	34.97	27.68		1488.9								
	012	01100	05.14	35.02	27.70	01.366	1489.8								
	085	01100	05.14	35.02	27.70	01 410	1489.8								
	\$70	01200	04.77	35.01	27.73	01.418	1489.9								
	280 210	01200	04.77	35.01	27.73	01.469	1489.9								
	082	01300	04.65 04.65	35.01 35.01	27.74 27.74	VI. 707	1491.1								
	510	01400	04.45	34.99	27.75	01.519	1491.9								
	310	01400	04.45	34.99	21.15	010719	1491.9								
	012	01500	04-27	34.97	27.76	01.570									
	085	01500	04.27	34.97	27.76	3.07.0	1492.9								
	503														

Table XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7–9 March 1971, Prepared from NODC Listing No. 31–8257.—Continued

CUNSEC			YEAR MONTH OAY HUUR	0 s 0 s	BUTOP 05303 SHIP UG UATA USE I AKEA US	AIR T HET 8 BARCH CLOUD	ULB 16.7 ETR 1014.0	UER H 29 SEA LL/TK	UT PEK	AIND-UIR AIND-SPO AIHD-SPI AIHIAH		TKACE UJRAT		JR 0 ∈ R D 00 • 6	5	N SU I SJUARE SQUARE SJUARE	40
CASTN	WH/T	t ME	LVLTYP	ОЕРТН	TEMP	SAL	5164A-1	OYNDPTH	SNO VEL	UXY G	P 14	TOT P	NUZ	NO3	5133	РН	
			STU	00000	16.53	36.25	20.60	00.300	1513.7								
	1	5.1	085	00000	16.53	36.25	25.00		1513.7								
			510	00010	16.52												
			085	00010	16.52												
			STO 085	00020	16.52 13.52												
			\$10	00020	16.51												
			085	00030	16.51												
			STO	00050	16.47												
			085	00050	16.47												
			\$10	00075	16.45												
			085 STO	00075	16.45 16.65												
			085	00100	16.65												
			510	00125	16.76												
			085	00125	16.76												
			STD	00150	16.73												
			085	00150	16.73												
			STO OBS	00200	16.60 16.60												
			510	00250	14.89												
			OBS	002 50	14.89												
			510	00300	14.61												
			OBS	00300	14.61												
			\$10	00400	13.24												
			085 510	00400	13.24 10.85												
			OBS	00500	10.85												
			STO	006 QU	09.05												
			OBS	00600	09.05												
			STO	00700	07.51												
			OBS	00700	07.51												
			S T O 08 S	00800	06.37 06.37												
			STO	00900	05.55												
			OBS	00900	05.55												
			510	01000	05.01												
			OBS	01000	05.01												
			STO	01100	04.71 04.71												
			085 STO	01200	04.56												
			085	01200	04.56												
			STO	01300	04.46												
			OBS	01300	04.46												
			STO	01400	04.16												
			085 STD	01400 01500	04.16 04.03												
			085	01500	04.03												
			5 70	01750	03.95												
			OBS	01750	03.95												
			510	02000	03.76												
			OBS	02000	03.76												
			STO OBS	02500 02500	03.48 03.48												
			510	03000	03.14												
			OBS	03000	03.14												

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TABLE XI. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257. Continued

CASINCH/THE LYLTYP   DEPTH	REFID 31 8257 CUNSEC 0007 LAT 40 20 N LUNG 050 20 H	MUNT	1971 H 03 O8 19+1	BOTOP 05394 SHIP DG OATA USE 1 AREA. 05	WET BARC	TEMP 18.3 BULB 16.1 METR 1012.9	23	UT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	30	TRACE DURAT		00.2 D	5 2	N SQ 1 SUUARE SQUARE SQUAKE	00
19-1	CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNUPTH	SNL VEL	OXY G	P.)4	TOT P	NO2	ND3	\$103	Рн	
19-1		510	00000	15.00	35.95	26.72	00.000	1500.0								
185	19.1															
\$10 00120 15:00 \$15 00131 15:00 \$10 00131 15:0																
365 00020 15:00  360 00030 15:00  360 00030 15:00  361 00050 15:00  361 00050 15:00  361 00050 15:00  361 00050 16:00  361 000100 16:00  361 00100 16:00  362 00100 16:00  363 00100 16:00  364 00100 16:00  365 00100 16:00  365 00100 16:00  365 00100 16:00  365 00100 16:00  366 00100 16:00  367 00000 16:00  368 00000 16:00  368 00500 06:00  369 00500 06:00  360 0		J8 S	00010	15.00												
\$10 00 00 15 00 00 00 15 00 00 00 15 00 00 00 00 15 00 00 00 15 00 00 00 00 15 00 00 00 00 15 00 00 00 00 00 00 00 00 00 00 00 00 00		STO	00120	15.00												
NBS																
STO																
DBS																
14-91   14-9																
185   001-00   14-6     185   001-00   14-6     185   001-25   14-6     185   001-25   14-6     185   001-25   14-6     185   001-25   14-6     185   001-25   14-6     185   001-25   14-6     185   001-25   14-6     185   001-25   14-6     185   001-20   13-6     185   002-20   13-6     185   002-20   13-2     185   002-20   13-2     185   003-20   12-3     185   003-20   12-3     185   003-20   12-3     185   004-20   10-0     185   004-20   10-0     185   005-20   04-0     185   005-20   04-6     185   005-20   04-6     185   005-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   006-20   05-7     185   007-20   05-7     185																
\$10 00100																
STID   ODI25   14.48     STID   ODI25   14.48     STID   ODI50   14.40     STID   ODI50   14.40     STID   ODI20   13.41     STID   ODI20   13.41     STID   ODI30   13.20     STID   ODI30   12.35     STID   ODI30   12.35     STID   ODI30   ODI30     STID   ODI30   ODI3																
S1D   00125   14-68     B8																
185																
\$10 00150 14.40 \$10 00200 13.81  \$10 00200 13.81  \$10 00200 13.20  \$88 00250 13.20  \$88 00250 13.20  \$88 00250 12.35  \$10 00300 12.35  \$10 00400 10.05  \$88 00200 04.06  \$88 00200 04.06  \$88 00200 04.06  \$88 00200 04.06  \$88 00200 05.75  \$88 00200 05.75  \$88 00200 05.75  \$88 00200 05.75  \$88 00200 05.75  \$88 00200 05.75  \$88 00200 05.75  \$88 00200 05.75  \$89 00200 05.75  \$81 00200 06.20  \$81 00200 06.30  \$81 002																
085																
\$10 00200 13.81 CR8 00200 13.20 005 00250 13.20 005 00250 13.20 \$10 00300 12.35 0050 00400 12.35  \$10 00400 10.05  0085 00500 08.06  0085 00500 08.06  0085 00500 08.06  0085 00500 08.07  \$10 00600 05.75  \$10 00600 05.75  \$10 00700 05.75  \$10 00700 05.75  \$10 00700 05.75  \$10 00700 05.75  \$10 00700 04.83  \$10 00900 04.83  \$10 00900 04.83  \$10 01000 04.52  \$10 01000 04.52  \$10 01000 04.52  \$10 01000 04.52  \$10 01000 04.52  \$10 01000 04.52  \$10 01200 04.20  \$10 01200 04.20  \$10 01300 04.20  \$10 01																
STO 00200 13.40 STO 00250 13.20 085 00250 13.20 STD 00300 12.35 BBS 00300 12.35 STO 00400 10.05 BBS 00400 10.05 STO 00500 08.36 BBS 00500 08.36 BBS 00500 05.75 DBS 00600 05.75 DBS 00600 05.75 DBS 00600 05.75 STO 00900 06.17 STD 00700 05.75 STD 00700 05.75 STD 00900 04.83 STD 00900 04.83 STD 00900 04.83 STD 01000 04.52 BBS 01000 04.52 STO 01100 04.34 STO 01200 04.34 STO 01300 C4.62 STO 01300 04.34 STO 01300 C4.62 STO 01500 03.92 STO 01500 03.89																
STD 00250 13.20 085 00250 12.35 STD 00300 12.35 STD 00400 12.35 STD 00500 04.05 STD 00500 08.06 STD 00500 08.06 STD 00500 08.06 STD 00500 08.06 STD 00500 05.75																
STD   00300   12-35   13-20   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35   13-30   13-35																
\$10 00300 12.35 \$10 00400 10.05 \$10 00500 04.05 \$10 00500 04.06 085 00500 08.06 685 00500 08.06 685 00500 05.75 085 00600 05.75 085 00600 05.75 085 00600 05.75 \$10 00700 05.75 \$10 00700 05.75 \$11 00700 05.75 \$11 00900 05.06 \$11 00900 05.06 \$11 00900 04.83 \$10 00900 04.83 \$10 01000 04.52 \$10 01000 04.34 \$10 01000 04.34 \$10 01000 04.34 \$10 01000 04.20 \$10 01000 04.20 \$10 01000 04.20 \$10 01000 03.92 \$10 01000 03.92 \$10 01000 03.92																
10																
UBS 00-00 10.05 S10 00-500 06-06 UBS 00500 08-06 UBS 00500 08-06 UBS 00500 05-75 DBS 00-500 05-75 DBS 00-500 05-75 UBS 00-700 05-75 STU 00700 05-75 STU 00700 05-75 STU 00900 06-83 UBS 00-00 06-83 STO 01000 06-52 STO 01000 06-52 STO 01200 06-20 UBS 01200 06-20 UBS 01200 06-20 UBS 01300 C6-20 UBS 01500 03-92		385	00300													
\$10 00500 04.06  085 00500 08.06  085 00500 05.75  085 00600 05.75  085 00600 05.75  085 00700 05.75  \$10 00700 05.75  \$11 00900 05.75  \$11 00900 04.83  \$10 01000 04.52  085 01000 04.52  \$10 01200 04.34  \$10 01200 04.20  085 01200 04.20  085 01000 03.92  085 01400 03.92  085 01400 03.92  085 01400 03.92  085 01400 03.92  085 01400 03.92  085 01400 03.92  085 01500 03.89		510	00403													
OBS 00500 OB. 06.49 \$10 00500 OS. 75 OBS 00600 OS. 75 OBS 00600 OS. 75 OBS 00600 OS. 75 OBS 00600 OS. 75 OBS 00700 OS. 75 OBS 00700 OS. 75 STD 00700 OS. 75 STD 00900 OS. 06 STD 01000 OS. 05 STD 01000 OS. 92 STD 01500 OS. 92 STD 01500 OS. 92																
UBS 00500 05.75 0085 00600 05.75 0085 00600 05.75 0085 00600 05.75 0085 00700 05.75 0085 00700 05.75 STD 00700 05.75 STD 00900 05.06 0085 00700 05.06 STD 00900 04.83 UBS 00900 04.83 STD 01000 04.52 085 01000 04.52 STO 01100 04.34 OBS 01100 04.34 STO 01200 04.20 UBS STD 01300 04.20 UBS 01400 03.92 UBS 01400 03.92 UBS 01400 03.92 UBS 01400 03.92																
\$10 00600 05.75 085 00600 05.75 085 00600 06.17 \$10 00700 05.75 GR5 00700 05.75 \$10 00900 05.06 085 00-00 05.06 \$10 00900 04.83 \$10 00900 04.83 \$10 0000 04.52 \$10 0100 04.52 \$10 01100 04.34 \$10 01200 04.20 GR5 01200 04.20 \$10 01300 04.62 \$10 01300 04.52 \$10 01200 04.20 \$10 01300 04.52 \$10 01200 04.20 \$10 01300 04.52 \$10 01300 04.52 \$10 01300 04.52 \$10 01300 04.53																
085 00600 05.75 085 00700 05.75 085 00700 05.75 STU 00900 05.75 STU 00900 05.06 STD 00900 04.83 085 00000 04.83 STD 01000 04.52 085 01100 04.34 STD 01100 04.34 STD 01200 04.34 STD 01200 04.20 STD 01300 04.36 STD 01200 04.36 STD 01200 04.36 STD 01200 04.36 STD 01300 04.20 STD 01300 04.20 STD 01300 04.02																
085 0050 05.75 GB5 00700 05.75 GB5 00700 05.75 STD 0090D 05.06 DB5 0000 04.83 STD 01000 04.52 DB5 01000 04.52 STO 01000 04.34 STO 01200 04.20 GB5 01200 04.20 GB5 01200 04.20 STD 01300 04.52 STD 01300 04.34 STD 01200 04.34 STD 01300 04.52 STD 01300 04.52 STD 01300 04.53 STD 01300 04.50																
STD   00700   05.75     GBS   00700   05.75     STD   00900   05.06     085   00e00   05.06     STD   00900   04.83     085   00e00   04.83     STD   01000   04.52     IBS   01000   04.52     STO   01100   04.34     STD   01200   04.20     GBS   01200   04.20     STD   01300   04.62     STD   01300   04.62     STD   01300   04.92     STD   01300   05.02     STD   01300   05.02     STD   01300   05.92     STD   01500   03.92     STD   01500   03.99																
ORS 00700 05.75 STD 00900 05.06 OBS 00000 05.06 STD 00900 04.83 OBS 00000 04.83 STD 01000 04.52 OBS 01000 04.52 STO 01100 04.34 OBS 01100 04.34 STO 01200 04.20 OBS 01200 04.20 STD 01300 C4.20 STD 01300 C4.20 STD 01300 04.20 STD 01300 04.32 STD 01300 04.20 STD 01300 04.20 STD 01300 04.20 STD 01300 04.02 STD 01400 03.92 STD 01500 03.89																
STID   009-00   05-06     085   00-00   05-06     STID   009-00   04-83     STID   01000   04-52     085   01000   04-52     STID   01100   04-34     STID   01200   04-20     OBS   01200   04-20     STID   01300   04-02     STID   01300   04-02     STID   01400   03-92     STID   01400   03-92     STID   01500   03-92     STID   01500   03-92     STID   01500   03-89																
085 00-00 05.66 S1D 00900 04.83 U85 00900 04.83 STD 01000 04.52 U85 01100 04.34 U85 01100 04.34 S1D 01200 04.20 U85 01200 04.20 U85 01200 05.20 S1D 01300 04.02 S1D 01300 05.65 S1D 01300 05.65 S1D 01300 05.65 S1D 01300 05.66 S1D 01300 05.70 U85 01500 03.92 U85 01400 03.92 S1D 01500 03.89																
STD   00900   04.83     085   00900   04.83     STD   01000   04.52     085   01000   04.52     STO   01100   04.34     STO   01200   04.24     STO   01200   04.20     Ob5   01200   04.20     STO   01300   04.62     STO   01400   03.92     Ob5   01400   03.92     Ob5   01400   03.92     STO   01500   03.89																
UBS 009-02 04-83 STD 01000 04-52 DBS 01000 04-52 STD 01100 04-34 DBS 01100 04-34 STD 01200 04-20 ObS 01200 04-20 STD 01300 C4-C2 STD 01300 C4-C2 STD 01300 04-36 STD 01300 04-52 STD 01300 04-52 STD 01300 03-92 STD 01400 03-92 STD 01500 03-89																
STD   01000   04.52     OBS   01000   04.52     STO   01100   04.34     OBS   01100   04.34     STO   01200   04.20     OBS   01200   04.20     STO   01300   04.02     STO   01400   03.92     OBS   01400   03.92     STD   01500   03.89																
185 01000 04.52 \$TO 01100 04.34 185 01100 04.24 \$TO 01200 04.20 085 01200 04.20 \$TO 01300 04.62 \$TO 01300 04.62 085 01300 04.62 085 01300 03.92 385 01400 03.92 385 01400 03.92 \$TO 01500 03.89																
\$10 01100 04.34 910 04.34 \$10 01200 04.20 950 01300 04.20 \$10 01300 04.00 950 01300 04.00 950 01400 03.92 950 01500 03.92 951 01500 03.89																
THS 01100 04.34  \$10 01200 04.20  OBS 01200 04.20  \$10 01300 04.02  OBS 01300 04.02  OBS 01400 03.92  JBS 01400 03.92  \$10 01500 03.89																
(BS 01200 C4-20 STD 01300 C4-C2 UBS 0130U C4-02 STD 01400 03-92 UBS 01400 03-92 STD 01500 03-89																
\$10 01300 C4.C2 UBS 0130U C4.02 \$10 01400 03.92 UBS 01400 03.92 \$10 01500 03.89																
UBS 013UU 04.02 STD 014DD 03.92 UBS 014OO 03.92 STD 015OO 03.89		() 6 \$	01200	04.20												
510 01400 03.92 UBS 01400 03.92 STD 01500 03.89		510	01300													
UBS 01400 03.92 STD 01500 03.89																
STD 01500 03.89																
785 01500 03.89																
		785	01500	03.89												

KEFIO 31 8257 CUNSEC 0008 LAT 40 47 N LUNG 050 16 W	HONTI Day	1471 	BOTOP 04297 SHIP OG UATA USE I AREA OS				GT PER 2 4	NINO-OLR OPS-CHIW RCH-DPIW REHTAER	23	TR AC		DROER D O).2	TEN SQ 1307 5 SQUARE 1 2 SQUARE 00 1 SQUARE 00
CASTNUM/TIME	LVLTYP	OEPTH	TERP	SAL	SI SMA-T	OYNOPTH	SNO VEL	DXY G	P)4	TOT P	ND2	NO3	\$1.J3 PH
	STO	00000	15.37	35.92	20.62	00.000	1509.7						
22.5	JBS	00000	15.37	35.92	46.62	00.000	1509.7						
22.0	STO	00013	15.37	3,4,6	20102		.,,,,,,						
	385	00010	15.37										
	STO	00020	15.37										
	OBS	00020	15.37										
	510	00030	15.37										
	085	30033	15.37										
	\$10	00050	15.30										
	.78 S	00050	15.36										
	\$10	00075	15.19										
	280	00075	15.19										
	510	00100	15.13										
	08.5	00100	15.13										
	5 7 0	00125	15.09										
	08S	00125	15.09										
	STO	00150	14.99										
	082	00150	14.49										
	510	00200	14.16										
	08S	00200	14-16										
	STO	00250	14.27										
	085	00250	14.27										
	STO SBC	00300	13.35										
	085	00350	13.35										
	510	00330	11.50										
	1385	J040U	11.50										
	510	00500	08.65										
	085	00500	08.65										
	STO	00000	06.62										
	UBS	00600	66.65										
	STO	00700	U5.83										
	085	00700	05.83										
	510	00800	05.06										
	DB 5	00900	05.06										
	510	00900	04.67										
	JBS	00900	04.67										
	STO	01000	04.51										
	UBS	01000	04.51										
	STO	01100	04.34										
	OBS	01100	04.34										
	510	01200	C4.20										
	085	01200	04.20										
	510	01300	04.05										
	UBS	01300	04.05										
	012	01400	04.03										
	UBS STO	01400 01500	04.03										
	1185	01500	03.90 03.90										
	.10 3	31700	03.70										

Table XL.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7-9 March 1971, Prepared from NODC Listing No. 31-8257.—Continued

CONSE			MONT	1971 + 03 09 02.0	SUTOP 04206 SHIP UG OATA USE 1 AREA US	HET NAH	IEMP 14. BULH 11. UMETR 1309. UJ T/A	.7 24	HGT PER 5	#1% 0-01 R #1% 0- 5P D #1% 0- FOR #EA THEP		TR ACI	STO REC E DIR Tion 44 025	0 33.3		1 2004 2 2004 3 2004 16 N 37	RE	OD L
CAS	TNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SI SMA-T	DYNOPTH	SNC VEL	IJXY G	P74	TGT P	NUZ	NO3	Sto.	<b>3</b> P⊦	•	
			STU	00000	13.71	35.78	20.87	00.303	1504.2									
		02.0	085	00000	13.71	35.78	25.87	000000	1504.2									
			510	00010	13.71													
			085	00010	13.71													
			STO	00020	13.71													
			UBS	00050	13.71													
			SID	00030	13.72													
			085	00030	13.72													
			510	00050	13.72													
			085	00050	13.72													
			510 085	00075	13.69 13.69													
			\$10	00100	13.71													
			085	00100	13.71													
			510	00125	13.65													
			UBS	00125	13.65													
			STO	00150	13.63													
			OBS	00150	13.63													
			STO	00200	13.58													
			-78 S	00200	13.58													
			UBS	00210	13.56													
			510	00250	11.65													
			085	00280	10.76													
			STO	00300	10.42													
			085	00300	10.42													
			\$10	00400	08.52													
			UBS STO	00400 00500	08.52 06.65													
			085	00530	06.65													
			STO	00600	06.12													
			985	00600	06.12													
			STO	00700	05.34													
			DBS	00700	05.34													
			STO	00400	04.92													
			DBS	00800	04.92													
			STO	00400	04+62													
			U85	00900	04.62													
			\$10	31000	04.44													
			JBS	01000	04.44													
			STO DBS	01100	04.25													
			510	01200	04.25 04.18													
			088	01200	04.18													
			STO	01700	04.11													
			085	01300	04.11													
			STO	01400	04.02													
			085	01400	04.02													
			5 7 0	01500	03.95													
			085	01500	03.95													

Table XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7–9 March 1971, Prepared from NODC Listing No. 31–8257.—Continued

REF1D 31 8257 CUNSEC 0010 LAT 41 50 N LONG 050 20 W	YEAR 1971 MUNTH 03 DAY 09 HOUR 06+3	BOTDP 03200 SHIP DG OATA USE 1 AREA 05			OIR H 19 SEA CL/TR	úT PER 4 3	WIND-DER WEND-SPO WINU-FUR WEATHER		TRACE DURAT		DROER D 00.2	5 2	N SQ L: SQUARE SQUARE SQUARE	00
CASTNUM/TIME LV	LTYP DEPTH	TEMP	SAL	SIGMA-T	0YN0P1H	SNO VEL	UXYG	P 74	TOT P	NU2	NO3	\$103	PH	
	510 00000	02.37	32.73	25.15	00.000	1456.8								
	85 00000	02.37	32.73	26.15		1456.8								
	\$10 00010	02.37												
	00010	02.37												
	STU 00020 BS 00020	02.37												
	510 00020	02.37 02.16												
	35 00030	02.16												
	STD 00050	01.96												
	95 00050	01.96												
ag		00.95												
UE	00075	01.19												
	35 00075 310 00100	01.19 01.65												
υĒ		01.65												
	TO 00125	02.18												
UB		02.18												
	TO 00150	02.55												
06		02.55												
138		03.86 03.86												
	TD 00250	04.35												
08	5 00250	04.35												
U8		04.53												
	TD 00300	04.07												
UB		04.07												
D8 08		04.60												
	TD 00400	04.42 04.56												
UB		04.56												
	TO 00500	04.65												
ОВ		04.65												
	1D 00600	04.59												
08	\$ 00600 10 00700	04.59												
ลือ		04.37 04.37												
	10 00800	04.12												
UB	\$ 00800	04.12												
DB		04.25												
S UB		04.14												
08:		04.14 04.09												
ua:		04.06												
S:	TD 01000	03.96												
UB		03.96												
\$1		03.89												
085		03.89 03.89												
089		03.89												
Si		03.83												
08 5	01300	03.B3												
\$1		03.78												
085		03.78												
\$1 089		03.73 03.73												
		33013												

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TABLE XI.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC DALLAS, 7–9 March 1971, Prepared from NODC Listing No. 31–8257.—Continued

REFID 31 8257 CUNSEC JOIL LAT 42 10 N LUNG 050 16 H	MONTE	1971 09 09.0	BOTOP U2012 SHIP OG OATA USE 1 AREA 05				ST PER 2 2	WIND-DIR WIND-SPD WIND-FUR WEATHER	15	TRACE DURA		00.3	5 2	N SQ L: SQUARE SQUARE SQUARE	20 L
CASTNUM/TEME	LVLTYP	OEPTH	TEMP	SAL	SIUMA-T	OYNUPTH	SNO VEL	UXYG	P 34	TOT P	NDS	NUS	\$133	РН	
	sto	00000	00.09	33.24	20.70	00.000	1447.3								
09.0	UBS	00000	00.09	33.24	26.70	00.000	1447.3								
01.0	\$10	00010	- 0.09	33.24	20										
	085	00010	- 0.09												
	\$10	00020	- 0.03												
	085	00020	- 0.03												
	STO	00030	00.34												
	085	00030	00.34												
	STO	00050	CU. 70												
	UBS	00650	00.70												
	STO	00075	01.22												
	286	00075	01.22												
	SID	00100	01.19												
	nas	00100	01.19												
	510	00125	01.97												
	510	00150	02.62												
	008	00150	02.62												
	510	00200	03.52												
	085	00200	63.52												
	510	00250	03.99												
	U8\$ \$10	002 50	03.99 04.11												
	385	00300	04.11												
	\$10	00400	04.40												
	285	00400	04.40												
	STO	00500	04.45												
	aes	00500	04.45												
	\$10	00600	04.45												
	085	00600	04.45												
	STO	00700	04.45												
	280	00700	04.45												
	STO	00800	04.26												
	085	00900	04.26												
	510	00900	04.16												
	085	00900	04.16												
	210	01000	04.09												
	085	01000	04.09												
	STO	01100	04.03												
	08S STD	01100	04.03												
	210	01200	03.98 03.98												
	STO	01300	03.85												
	085	01300	03.85												
	510	01400	03.77												
	085	01400	03.77												
	\$10	01500	03.73												
	085	01500	03.73												

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REFIO 31 8257 CUNSEC 0012 LAT 42 50 N LUNG 050 20 W	YEAR 1971 MONTH 03 OAY 09 HOUR 13.6	BOTOP 00914 SHIP OG OATA USE 1 AREA OS	AIR TEMP 08.3 WET BULB 07.6 BARCMETH 1006.8 CLUUD T/A	OIR HGT PER 24 2 3 SEA CL/TR	WIND-OIR 25 WIND-SPO 09 WIND-FUR WEATHER X4	INST STO RECORDER TRACE DIR O OURATION ORIG A4 025	TEN SO 1307 5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CASTNUM/TIME	LVLTYP OEPTH	TEMP	SAL SIGMA-T	OYNOPTH SND VEL	UXYG P34	TOT P NOZ NO3	S103 PH
13.6	\$10 00000 085 00000 \$10 00010 085 00010 085 00020 085 00020 085 00030 085 00030 085 00030 085 00050 085 00050 085 00100 085 00150 085 00150 085 00150 085 00150 085 00150 085 00150 085 00150 085 00150 085 00150 085 00150 085 00150 085 00450	- 0.65 - 0.67 - 0.68 - 0.68 - 0.68 - 0.68 - 0.74 - 0.74 - 0.71 - 0.21 - 0.57 - 0.86 - 0.86 - 0.97 00.97 01.29 01.69 01.69 02.06 02.93 02.93 03.14 03.69 04.10 04.20 04.07	33.05	00.000 1443.6 1443.6			
			• • • • •	*******			
REFIU 31 8257 CUNSEC 0013 LAT 43 00 N LUNG 050 20 W	YEAR 1971 MONTH 03 04 09 HOUR 15.3	BOTOP OUU91 SHIP OG OATA USE 1 AREA 05	AIR TEMP 02.8 WET BULB 02.2 BAROMETR 1006.1 CLOUD T/A	21 2 2	WIND-OIR OF WIND-SPO OF WIND-FOR WEATHER X4	INST STO RECORDER TRACE DIR C DURATIUN OU-1 ORIG A4 025	5 SQUARE 1
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	OYNOPTH SNO VEL	DXYG P34	TOT P NO2 NO3	S103 PH
15.3	STD 000000 OBS 00000 ST0 00010 ST0 00020 ST0 00030 OBS 00050 ST0 00050 ST0 00050 OBS 00050 ST0 00050 OBS 00050 OBS 00050 OBS 00050	00.63 00.33 00.33 00.22 00.22 00.00 00.00 - 0.34 - 0.51 - 0.51	•••••	•••••			
AFFIO 31 8257 CUNSEC U014 LAT 43 10 N LUNG 050 20 W	YEAR 1971 MONTH 03 GAY 09 HOUR 17.5	BOTUP SHIP DG DATA USE I AREA US	AIR TEMP 02.6 HET BULB 02.6 JAKOMETR 1006.8 CLUUO 1/4	OIR HGT PER 23 2 2 SEA CL/TR	WIND-DIR OF WIND-SPD OS WIND-FOR WEATHER X4	INST STO RECORDER TRACE DIR D OURATION 00-1 ORIG A4 025	
CASTNUM/TIME	LVLTYP OEPTH	TEMP	SAL SEGMA-F	OYNOPTH SNO VEL	UXYG PJ4	FOT P NO2 NO3	SEU3 PH
11.5	\$10 00000 085 00010 \$10 00010 \$10 00020 \$10 00020 \$10 00020 \$10 00050 085 00050 \$10 00050 \$10 00075 UBS 00075 UBS 00076	00.64 00.59 00.59 00.46 00.46 00.11 - 0.38 - 0.93 - 0.93 - 0.42	32.73	00.000 1449.1 1449.1			

Table XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.

REFIO 31 1971 CONSEC 0001 LAT 43 10 N LONG 050 19 W	MONT!	os	8010P 00070 SHIP 3L OATA USE 1 AREA 05	MET E	SULB 01.9 SETR 1014.5		GT PER 5 5	WIND-DIR WIND-SPD WIND-FOR WEATHER	25	TRACE			\$ 5 2 5	N SQ 1307 SQUARE L SQUARE 20 SQUARE 30
CASTNUM/TIME	LVLTYP	OEPIH	TEMP	SAL	5 IGNA-T	DYNOPTH	SNO VEL	OXYG	PD4	TOT P	NO2	NO3	5103	PH
	STO	00000	03.89	32.14	25.55	00.000	1462.5							
02.6	OBS	00000	03.89	32.138	25.55		1462.5							
	S	00010	03.76	32.14	25.50	00.024	1462 .2							
	STO	00020	03.58	32.13	25.57	00.049	1461.5							
02.6	085	00025	03.47	32.134	25.58		1461 - 2							
	510	00030	03+32	32.14	25.60	00.073	1460.6							
	STO	00050	02.72	32.55	25.98	00-117	1458.9							
02.6	OBS	00050	02.72	32.547	25.98		1458.9							
02.6	280	00060	01.80	32.987	26.40		1455.6							
					*****	******	•							

REFID 31 1971 CONSEC 0002 LAT 42 58 N LONG 050 18 W	MONTE	01 05	80TOP 00109 SHIP 3L OATA USE I AREA 05	MET BARO			G <sup>T</sup> PER 6 5	W1ND-01R W1ND-SPD W:ND-FOR WEATHER	25	T R Du	AC E RAT	NANSEN OIR ION A4 O2		5	N SQ 13 SQUARE SQUARE SQUARE	1 20
CASTNUM/TIME	LVLTYP	ОЕРТН	TEMP	SAL	SIGMA-I	DYNOPTH	SND VEL	O <sub>XY</sub> G	P34	TOT	P	NQ2	NO3	\$103	РН	
	STO	00000	02.56	32.45	25.91	00.000	1457.2									
04.0	085	00000	02.56	32.449	25.91		1457.2									
	510	00010	02.55	32.47	25.93	00.021	1457.4									
	STO	00020	02.49	32.49	25.95	00.042	1457.3									
04.0	085	00025	02.44	32.501	25.96	00.042	1457.2									
	STD	00030	02-39	32.64	26.08	00.062	1457.2									
04.0	085	00049	02.00	33.086	26.46		1456.4									
	STD	00050	01.94	33-11	26.48	00.097	1456.2									
04.0	085	00074	00-98	33.478	26.85	00.07	1452.9									
0	STO	00075	00.96	33.49	26.85	00.131	1452.8									
04.0	08.5	000098	00.76	33.510	26.89	00.131	1452.0									

801DP 00658 A1R TEMP 03.9 WET BULB 02.6 BAROMETR 1015.6 OIR HGT PER MIND-OIR 30 INST NANSEN CAST TEN SQ 1307 REFIO 1971 0003 YEAR 1972 SHIP 3L OATA USE AREA MONTH 01 0AY 05 29 5EA WIND-SPO 25 WIND-FOR TRACE OIR DURATION SQUARE 1 SQUARE 20 CONSEC 42 51 N 050 20 W AAT HOUR 06.5 05 CLOUD T/A CL/TR WEATHER ORIG A4 026 SQUARE 20 LONG DYNDPTH 5103 SAL SIGMA-I SND VEL DXYG TOT P NO 2 NO3 CASTNUM/TIME LVLTYP DEPTH TEMP 03.80 03.80 03.41 02.98 00000 32.25 32.251 STO 25.64 00.000 1462.3 25.64 25.73 25.86 08 S 5 T D 5 T O 00000 06.5 32.31 32.43 32.511 32.68 00010 00.023 1460.9 00.045 02.74 02.38 01.38 01.38 01.18 00025 25.95 STO 000 30 00.066 26.11 33.16 33.163 26.57 00.099 06.5 085 00050 00075 33.32 33.318 33.46 26.71 00.135 06.5 085 26.71 26.82 00100 01.08 00.167 \$10 085 STD STD 00106 00125 01.08 00.74 33.459 33.59 26.82 26.95 06.5 00150 00150 00200 100205 27.05 27.05 00-57 33.7L 33.707 00-223 06.5 00.79 STO 33.88 33.893 27.18 00-271 06.5 085 34.03 34.15 34.155 00250 01.20 27.28 00.314 00.352 STO 06.5 280 00305 01.55 27.35 27-38 00.426 01.85 34.23 34.229 004 00

1463.3

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Table XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFIO 31 1972 CONSEC 0004 LAT 42 40 N LONG 050 20 H	MONT	R 1972 TH OL OS R 08.6	BOTOP OLB65 SHIP 3L DATA USE 1 AREA 05	WET BARD	TEMP 05.0 BULB 03.1 METR 1014.7 D 7/A 8/5		GT PER 5 4	WIND-OLR WIND-SPD WIND-FOR WEATHER	22	TRACE DURAT		CAST	<b>S</b>	N SO LI SOUARE SQUARE SQUARE	20
CASTNUM/T LHE	LVLTYP	DEPTH	TEMP	SAL	SIGHA-T	DYNOPTH	SNO VEL	OXYG	P04	T 0 7 P	NO2	NO3	5103	PH	
	STO	00000	03.04	32.32	25.77	00.000	1459.1								
08.6	085	00000	03.04	32.324	25.77	00.000	1459.1								
	510	00010	03.10	32.37	25.80	00.022	1459.6								
	510	00020	03.16	32.42	25.84	00.044	1460.1								
08.6	085	00024	03.18	32.436	25.85	00.044	1460 - 3								
••••	\$10	00030	05.47	33.03	26.08	00.065	1470.8								
08.6	085	00048	10.52	34.450	26.45	00.005	1492-3								
	510	00050	10-84	34.58	26.49	00.100	1493.7								
08.6	085	00071	12.98	35.466	26.78	00.100	1502.5								
	570	00075	12.94	35.48	26.80	00.135	1502.5								
08.6	085	00095	12.76	35.498	26 • 8 4	00.133	1502.2								
	STO	00100	12.41	35.44	26 - 87	00-166	1501.1								
	STO	00125	10.74	35.16	26.96	00.196	1495.3								
08.6	08.5	00143	09.65	34.982	27.02	00.170	1491.4								
	510	00150	09.31	34.94	27.04	00.223	1490.3								
	STO	00200	07.10	34.70	27.19	00.273	1482.3								
	STO	00250	05.23	34.50	27.28	00.317	1475-4								
08.6	085	00291	03.94	34.385	27.33	00.311	1470.6								
	570	00300	03.60	34.35	27.33	00.357	1469.3								
08.6	065	100387	01.80	34.244	27.40	00.337	1462.7								
	\$10	00400	01.98	34.29	27.43	00.429	1463.8								
08.6	085	00489	03.00	34.548	27.55	000 10 7	1470.1								
	STO	00500	03.09	34.57	27.56	00.492	1470.7								
08.6	085	00585	03.68	34.744	27.64	001770	1474.8								
-	STO	00600	03.74	34.76	27.64	00.546	1475.3								
	STO	00700	04.04	34.83	27.67	00.597	1478.3								
08.6	280	700778	04.18	34.869	27.68	00.371	1480.3								
	STO	00800	04.18	34.87	27.69	00.647	1480.7								
	STO	00900	04.17	34.89	27.70	00.696	1482 • 3								
08.6	085	700978	04.16	34.900	27.71	30.070	1483.6								
08.6	085	TOLABL	03.99	34.937	27.76		1491.3								
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31 1971 YEAR 1972 60TOP 02450 OIR HGT PER WIND-OIR 27 WIND-SPO 14 WINO-FOR REFIO AIR TEMP INST NANSEN CAST TEN SO 1307 05.4 CONSEC 0005 42 30 N MONTH 01 DAY 05 HOUR 11.8 SHIP 3L DATA USE WET BULB 03.9 BAROMETR 1014.5 29 5 E A TRACE DIR SQUARE 1 SQUARE 20 SQUARE 20 03.9 5 LONG 050 20 05 CLOUD T/A CL/TA HEATHER DRIG 44 026 CASTNUM/TIME LVLTYP OYNOPTH SNO VEL DEPTH TEMP SAL SIGMA-T OXYG P04 TOT P NO2 KO<sub>3</sub> 5103 PH 510 00000 32.39 32.386 03.11 25.81 00-000 1459.5 085 510 510 00000 03.11 25.81 26.04 26.16 1459.5 33.00 33.50 33.707 33.80 05.64 1471.1 00010 00.021 00020 1480.1 00.040 085 570 510 11.6 00025 08.51 08.96 26.20 1483.6 00.059 00.094 000 30 26.20 26.32 26.32 1485.5 00050 10.81 34.34 1493.3 085 11.8 1493.3 \$10 085 00075 35.46 35.456 35.71 35.712 13.27 13.27 26.71 26.71 00.133 1503 -6 00075 11.8 1503.6 STO 00100 13-27 26.91 00.165 1504.3 08 S S T D S T O 11.8 13.27 26.91 1504.3 00125 12.89 35.61 26.91 00.194 1503.3 35.49 12.34 26.92 00.224 1501.7 11.8 085 STO 00151 12.31 35.485 34.97 1501.6 00200 10.73 26.82 \* 00.285 1496.3 11.8 085 100206 510 510 00250 07.02 34.58 34.33 27.11 00.343 1482 . 7 27.26 1471.5 00300 085 00307 03.83 34.305 11.8 STD 00400 T00408 01.75 27.42 00.466 1462.7 11.8 065 34-250 STO 00500 02.99 34.55 34.587 00.529 1470.2 11.8 085 27.56 27.65 03.97 04.09 04.45 34.80 34.831 STO 00600 11.8 065 27.66 27.76 27.78 00615 1477.2 085 34.953 11.8

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1492-0

T01539

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Table XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8 January 1972, Prepared from NODC Listing No. 31-1971.--Continued

REF10 31 1971 CDNSEC 0006 LAT 42 10 N	MONT	1972 H 01 05	BOTOP 03173 SHIP 3L DATA USE 1		BULB 04.8 METR 1009.0	SEA	GT PER	#IND-DIR #IND-SPO #INO-FOR	14	TR AC			TEN 50 1307 5 SQUARE 1 2 SQUARE 20	)
LDNG 050 20 W	HOUR	14.5	AREA 05	CLOU	D T/A 7/8	CL/TR		WEATHER	X 5	DKIG	A4 02	6	1 50UARE 20	,
CASTNUM/TIME	LVLTYP	0EPTH	TEMP	SAL	SIGMA-T	DAMODAH	SND VEL	DXYG	PO4	TOT P	ND2	ND3	\$103 PH	
	570	00000	05.00	32.64	25.83	00.000	1467.9							
14.5	D8 S	00000	05.00	32.637	25.83		1467.9							
	STD	00010	05.30	32.72	25.86	00.022	1469 - 4							
	\$10	00020	05.60	32.80	25.89	00.043	1470.9							
14.5	085	00025	05 • 75	32.844	25.90		1471.6							
	STO	00030	06.90	33.20	26.03	00.064	1476-8							
14.5	085	00049	09 - 76	34.074	26.29		1489.1							
	510	00050	09.77	34.08	26.29	00.101	1489.2							
14.5	DBS	00074	09+91	34-132	26.31		1490.2							
	STO	00075	10.09	34.20	26.33	00.144	1490.9							
14.5	085	00098	13.20	35.371	26.66		1503.6							
	510	001 00	13.19	35.38	26-67	00.183	1503.6							
	STO	00125	13.09	35.49	26.77	00.218	1503.8							
14.5	DBS	00148	12.95	35.548	26.85		1503.8							
	STO	00150	12.93	35.55	26.85	00.250	1503.8							
	\$ 10	00200	12.43	35.53	26.93	00.311	1502.9							
14.5	D85	00202	12.41	35.528	26.94		1502 + 8							
	570	00250	09.82	35.16	27-13	00.365	1494.0							
14.5	D8 5	00263	09.20	35.082	27.17		1491.9							
	5 T O	00300	07.47	34.88	27.28	00-412	1485.7							
14.5	085	100351	05.90	34.738	27.38		1480.1							
	STO	00400	05.64	34-84	27.49	00.487	1480.0							
14.5	DBS	00446	05.45	34.909	27.57		1480-1							
	570	00500	05.31	34.97	27.64	00.546	1480.5							
14.5	085	00537	05.22	35.003	27.67		1480.8							
	STO	006 00	05.11	35.00	27.69	00.597	1481.3							
	STD	00700	04.94	35.01	27.71	00.645	1482.3							
14.5	085	00722		35.008										
	STO	00800	04.78	35.01	27.73	00.693	1483.3							
	510	00900	04.63	35.01	27.75	00-739	1484.4							
14.5	085	T00916	04.61	35.015	27.75		1484.6							
14.5	D85	101525	04.00	34.975	27.79		1492-2							
						••••••	•							

OIR HGT PER 33 5 5 SEA CL/TR REF10 31 1971 CONSEC 0007 LAT 41 14 N LONG 050 20 M BOTOP 03749 SHIP 3L DATA USE 1 TEN SQ 1307 AIR TEMP 04.7 WET BULB 03.9 BAROMETR 1015.5 WIND-OIR 34 WIND-SPD 35 WIND-FOR INST NANSEN CAST YEAR 1972 HONTH 01 TRACE DIR 5 SQUARE 1 2 SQUARE 00 HOUR 15.1 CLOUD T/A AR EA 8/6 CASTNUM/TIME LVLTYP DEPTH TEMP SAL SIGNA-T DYNDPTH SNO VEL DXYG P04 TOT P ND2 ND3 SLD3 PH STO 00000 17.10 36.24 26.46 00.000 1515.3 STD STD 17.10 17.13 17.15 36.240 36.24 36.25 26.46 26.46 26.45 15.1 000 00 1515.3 00010 00.016 1515.6 26.45 26.45 26.45 26.45 26.45 280 210 210 210 210 36.25 36.25 36.25 36.24 00029 00.048 00030 00050 00075 17.16 17.16 17.15 1516.0 00.080 1516.7 085 18000 15.1 570 00100 17.18 26.45 00.160 1517.2 36.25 26.45 26.45 26.44 26.44 1517.3 00105 00.201 STD 00125 17.18 36 · 25 36 · 24 1518.0 36.242 36.25 36.255 15.1 085 00158 STD 002 00 17.07 26.47 00.324 15.1 DBS 00211 002 50 16.95 36.32 26.56 00.404 00300 00317 00400 16.83 16.79 15.69 15.34 36.40 26.65 STD 15.1 36.14 36.067 35.88 STO 26.74 00.630 1517.5 T00423 DBS 15.1 14.15 13.43 10.90 09.76 26.85 26.96 27.36 27.51 STO 00.771 08 S S T O 35.820 35.70 35.644 00530 15.1 006 00 006 36 701068 00.882 1504.4 D85 D85 O85 1500.8 34.994 35.003 04.91 27.70 27.80 1488-3

T01609

REF10 31 1971 CONSEC 0008 LAT 40 50 N LONG 050 20 W	MONT	1972 H 01 06 20.1	BOTOP 030 SHIP 3L OATA USE AREA	WET 1 BAR	TEMP 04.5 8UL8 03.T DMETR 1016.4 UO T/A 8/6	33 SEA	GT PER 8 5	WIND-OIR WIND-SPO WIND-FOR WEATHER	35	TR AC E			5 2	N SQ 1: SQUARE SQUARE SQUARE	00
CASTNUM/T IME	LVLTYP	0ЕРТН	I EMP	SAL	S IGMA-T	ОүмОртн	SNO VEL	DXYG	P04	TOT P	NO2	NQ3	\$103	РН	
	STO	00000	16.95	36,23	26.49	00.000	1514.9								
20.1	065	00000	16.95		26.49		1514.9								
	STO	00010	16.98		26.48	00.016	1515-1								
	STO	00020	17.00	36.22	26.47	00.031	1515.4								
20.1	085	00027	17.01	36.221	26.47		1515.5								
	STO	00030	17.01	36.21	26.46	00.047	1515.5								
	STO	00050	17-00		26.44	00.079	1515.8								
20.1	085	00050	17.00	36-190	26.44		1515.8								
	STO	00075	16.98		24.47	00.119	1516.2								
20-1	DBS	00077	16.98	36.214			1516.2								
	STO	001 00	16.99		26.48	00.159	1516.6								
20.1	085	00100	16.99		26.48		1516.6								
					****	** * * * * * * *									

REFIO 31 1971 YEAR 1972 CONSEC 0009 MONTH 01 LAT 40 20 N DAY 07 LONG 050 20 W HOUR 00.5	SHIP 3L WET OATA USE 1 BARD	TEMP 06-9 BULB 05-9 IMETR 1016-0 IO T/A 8/6	32 6 5 SEA	WIND-DIR 29 WIND-SPD 33 WIND-FOR WEATHER XI	INST NANSEN CAST TRACE DIR DURATION DRIG A4 026	TEN SQ 1307 5 SQUARE 1 2 SQUARE 00 1 SQUARE 00
CASTMUM/TIME LVLTYP DEPTH	TEMP SAL	SIGMA-T	OYNOPTH SNO VEL	DXYG PO4	TOT P NO2 NO3	5103 PH
STO 00000	35.74					
00.5 085 00000	35.131					
01000 012	35.74					
\$10 00020	35.74					
00.5 085 00027	16.03 35.742	26.33	1512 • 0			
\$10 00030	16-02 35.74	26.33	1512.0			
STD 00050	16.00 35.74	26.33	1512.2			
00.5 DBS 00051	16.00 35.740	26.33	1512-2			
\$10 00075	16.02 35.74	26.33	1512.7			
00.5 085 00080	16.03 35.735	26.32	1512.8			
00100 072	16.00 35.72	26.32	1513.0			
00.5 085 00104	15.99 35.722	26.32	1513.1			
510 00125	15.97 35.72	26.33	1513.3			
STO 00150	15.93 35.72	26.33	1513.6			
00.5 085 00156	15.92 35.720	26.34	1513.7			
STO 00200	15.82 35.71	26.35	1514.1			
00.5 085 T00209	15.80 35.702	26.35	1514.2			

Table XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8

January 1972, Prepared from NODC Listing No. 31-1971.—Continued

1971 YEAR 1972 0010 MONTH DI 52 N DAY 07 14 W HOUR 04-8	80TDP 05303 AIR TE SHIP 3L WET BL OATA USE 1 8AROME AREA 05 CLOUO	R 1017.5	DIR HGT PER 30 5 5 SEA CL/TR	WIND-OIR 28 WIND-SPO 30 WIND-FOR WEATHER XI	INST NANSEN CAST TRACE OIR DURATION ORIG A4 026	TEN 50 1207 5 SQUARE 3 2 SQUARE 80 1 SQUARE 90
ITME LYLTYP DEPTH	TEMP SAL	S I GMA-T	DYNOPTH SNO VEL	OXYG PO4	TOT P NO2 NO3	5103 PH
00000 012	19.67 36.38	25.92	00.000 1522.8			
00000 D85	19.67 36.378	25.92	1522.8			
01000 012	19.67 36.39	25.93	00-021 1523.0			
510 00020	19.66 36.39	25.93	00.042 1523.2			
4.8 085 00028	19.66 36.399	25.94	1523.3			
510 00030	19.66 36.40	25.94	00.063 1523.3			
\$10 00050	19.68 36.40	25.93	00.105 1523.7			
4.8 085 00052	19.68 36.403	25.93	1523.8			
510 00075	19-70 36-41	25.94	00.157 1524.2			
04.8 D85 00080	19.71 36.414	25.93	1524.3			
210 00100	19.74 36.41	25.92	00.210 1524.7			
74.8 OBS 00104	19.74 36.408	25.92	1524.8			
51D 00125	19.72 36.41	25.93	00.263 1525.1			
570 00150	19.70 36.42	25.94	00.316 1525.4			
04.8 085 00156	19.69 36.422	25.95	1525.5			
SID 00200	19.09 36.47	26.14	00.419 1524.6			
04.8 OB\$ 0020B	18.99 36.476	26.17	1524.5			
STD 00250	18.45 36.48	26.31	00.513 1523.7			
STD 00300	17.96 36.50	26.44	00.600 1523.1			
4.8 085 00312	17.87 36.498	26.47	1523.0			
5TD 00400	17.56 36.47	26-52	00.768 1523.5			
085 T00416	17-46 36-464	26.54	1523.5			
7.2 DBS T00434	17.33 36.411	26.53	1523.4			
STD 00500	16.70 36-32	26.62	00.931 1522.5			
7-2 085 00518	16.47 36.283	26.64	1522.0			
510 00600	14.85 35.98	26.78	01.084 1518.0			
7.2 085 00686	13.00 35.677	26.93	1513.0			
5TD 00700	12.61 35.62	26.97	01.221 1511.8			
5TD 00800	10-09 35.29	27.18	01.336 1504.3			
7.2 085 00857	08.48 35.151	27.28	1500 - 6			
7.2 085 01279	04.91 35.081	27.17	1491.9			
510 01300	04.86 35.08	27.77	1492-1			
5TO 11400	04-63 35.05	27.78	1492.8			
STD 01500	04.44 35.03	27.78	1493.6			
7.2 085 701700	04.14 34.996	27.79	1495.7			
STO 01750	04.12 34.99	27.79	1496.5			
5TD 02000	04.00 34.99	27.30	1500.2			
	03.92					
570 02500	03.64 34.98	27.83	1507 - 2			
7.2 DBS T02562	03.59 34.976	27.83	1508.1			
57D 02000 07-2 085 02131 57D 02500	04.0 03.9 03.6	0 34.99 02 04 34.98	34.99 27.30 12 4 34.98 27.83 19 34.976 27.83	0 34.99 27.30 1500.2 12 4 34.98 27.83 1507.2	10 34.99 27.30 1500.2 12 4 34.98 27.83 1507.2 19 34.976 27.83 1508.1	10 34.99 27.30 1500.2 12 4 34.98 27.83 1507.2 19 34.976 27.83 1508.1

WIND-DIR 30 WIND-SPO 20 WIND-FOR 80TOP 04114 AIR TEMP 11.1 MET BULB 08-1 BARONETR 1019-0 YEAR 1972 OIR HGT PER INST NANSEN CAST TEN 50 1207 REFID 1971 31 SHIP 3L OATA USE AREA MONTH 01 DAY 07 30 5EA TRACE DIR SQUARE 80 CONSEC 39 20 050 20 LONG HOUR 11-5 CLOUD T/A CL/TR WEATHER ORIG A4 026 SQUARE 90 6/8 OYNOPIH SHO VEL OXY G 5103 PH CASTNUM/TIME LVLTYP DEPTH TEMP SAL SIGMA-T 204 IDT P NO2 NQ3 25.91 25.93 25.94 25.94 25.94 25.91 25.90 25.90 25.91 25.91 25.92 25.93 36.42 36.421 36.45 36.46 36.46 36.46 36.44 36.43 36.43 STO 00000 19.82 19.83 19.83 19.84 19.84 19.87 19.87 19.86 19.86 19.87 00.000 1523 - 3 1523.3 1523.5 085 00000 11.5 012 00010 00.021 1523.7 00.042 085 510 510 00028 1523.9 00.043 00.105 1523.9 1524.3 00050 00052 1524.3 11.5 085 00075 210 00.158 06 S 5 T O 11.5 1524.7 36.44 1525 · 1 1525 · 2 00100 00.211 280 012 012 11.5 00105 00125 36.45 00.265 00150 19.87 25.93 1526.0 36.46 36.46 36.464 36.56 36.572 36.55 36.52 1526.1 11.5 085 19.41 19.30 19.01 18.78 \$10 085 00200 26-12 00.421 100212 26-16 1525.5 11.5 510 510 00250 26.22 1525.3 00.518 00.612 00320 36.509 1525.7

CONSEC LAT	31 1971 0012 38 50 N 50 20 W	MON'	R 1972 TH 01 07 R 15.2	BDTOP 05303 SHIP 3L DATA USE L AREA 05	WET BAR	TEMP 14.0 BULB 09.8 DMEIR 1018.6 JO I/A B/6		HGT PER 4 3	WIND-011 WIND-SPI WIND-FOR WEATHER	00	TR AC	NANSEN E DIR ITION 6 A4 02		5 S	SQ 1207 QUARE 3 QUARE 80 QUARE 80
CASTN	UM/IINE	LYLTYP	DEPTH	TEMP	SAL	SIGMA-I	OYNOPTH	SNO VEL	OXYG	P04	101 6	NO2	NO3	\$103	PH
	15.2	STD OBS STD	00000 00000 00010	19.53 19.53 19.53	36.37 36.372 36.38	25.95 25.95 25.95	00.000	1522.5 1522.5 1522.6							
	15.2	STO OBS STO	00020 00025 00030	19.53 19.53 19.54	36.39 36.390 36.38	25.96 25.96 25.95	00.041	1522.9							
	15.2	STD 0B5 ST0	00050 00050 00075	19.56 19.56 19.55	36.36 36.356 36.36	25.93 25.93 25.94	00.104	1523.3 1523.3 1523.7							
	15.2	085 012	00075 00100	19.55 19.56	36.362 36.38	25.94 25.94	00.209	1523.7 1524.2							
	15.2	085 510 510	00100 00125 00150	19.56 19.54 19.53	36.376 36.38 36.38	25.94 25.95 25.96	00.262	1524 • 2 1524 • 6 1524 • 9							
	15.2	OBS STD OBS	00150 00200 00205	19.53 19.18 19.14	36.384 36.54 36.548	25.96 26.17 26.19	00.415	1524.9 1525.0 1524.9							
	15.2	STO STO OBS	00250 00300 00305	18.65 18.18	36-52 36-49	26-29 26-39	00.509 00.599	1524.3 1523.7							
	15.2	STO DBS	00400 100405	17•48 17•45	36.492 36.44 36.433	26.52 26.52	00.769	1523.3 1523.3							
	15.2	STD DBS	00500 00510	17.11 17.06	36.42 36.411	26.59 26.60	00.934	1523.8 1523.8							
	15•2	51D 085 510	00600 00610 00700	16.47	36.32 36.305 35.94	26.67 26.68	01.093	1523.4							
	15.2	STD OBS STO	00800 00810 00900		35.61 35.577 35.34										
	15.2 15.2	STD OBS DBS	01000 T01015 01525	07-58	35.13 35.108	27.44		1498.2							
	13.2	003	01323	04.46	35.052	27.80		1494.2							
REF10 3			1972 H 01	BOTOP 05303	Alg			GT PER	WIND-DIR			NANSEN	CAST		SO 1207
	0013 B 20 N 60 20 W	DAY	07 19.2	SHIP 3L DATA USE 1 AREA 05		BULB 09.8 METR 1019.0 DT/A 8/6	SEA CL/IR	4 3	WEND-SPO WEND-FOR WEATHER		DURA	E DIR TIDN A4 026		2 50	DUARE BO
CASTNU	M/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXYG	<b>PD4</b>	TOT P	NO2	NO3	5103	PH
	19.2	082 210	00000	18.74	36.36 36.356	26.14 26.14	00,000	1520.2							
	19.2	012 012 280	00010 00020 00021	10.74 18.73 18.73	36.36 36.36 36.357	26.14 26.14 26.14	00.019	1520.4 1520.5 1520.5							
	19.2	STO DBS	00030 00043	18.67	36.36 36.358	26.16 26.17	00.056	1520.5							
	19.2	012 280 212	00050	18.70 18.78	36.35 36.351	26.15 26-13	00.094	1520.9							
	19.2	085 STD	00075 00086 00100	18.77 18.76 18.73	36.36 36.359 36.35	26.13 26.14 26.14	00-142	1521.6 1521.7 1521.8							
	19.2	STO	00125 00130	18.65	36.34 36.337	26.15	00.238	1522.0							
	19.2	STD DBS	00150 00178	18.52	36.35 36.380	26.20	00.285	1522.1							
		STO	00200	18.44	36.41 36.45	26.26 26.28	00.378	1522.7 1523.7							
	19.2	280	00264	18.48	36.464	26.29	00.560	1524.0 1523.9							
	19.2	OBS STO	T00350 00400	17.96	36.495 36.47	26.44		1523.9							
	19.2	280	00441 00500		36.441	26.53		1523.9							
	19.2	280	00527 00600	16.95 15.31											
		S10 S10	00700 00800	13.24 11.39											
	19.2 19.2	OBS OBS	T00885 T01360	09.98	35.179	27.84		1493-6							

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Table XII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC GALLATIN, 5-8

January 1972, Prepared from NODC Listing No. 31-1971.—Continued

REFID CONSEC LAT LONG	37	197 001 50 20	N DAY	1972 H 01 07 23.0	BOTOP 05295 SHIP 3L OATA USE I AREA 05	WET BARD		33	GT PER	WIND-DIR WIND-SPD WIND-FDR WEATHER	24	TRACE DURAT			5 2	N SQ 1 SQUARE SQUARE SQUARE	60
CAS	TNUM	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SNO VEL	DXYG	P04	TOT P	NO2	NO3	5103	PH	
			STO	00000	19.32	36.26	25.92	00.000	1521.7								
		23.0	085	00000	19.32	36.263	25.92		1521.7								
			STO	00010	19.32	36.26	25.92	00.021	1521.9								
			510	00020	19.32	36.26	25.92	00.042	1522.1								
		23.0	085	00021	19.32	36.255	25.91		1522.1								
			STO	00030	19.20	36.25	25.9A	00.063	1521.9								
		23.0	085	00041		36.249											
			STO	00050	18.95	36.30	26-04	00.104	1521 - 6								
		23.0	085	00062		36.316											
			510	00075	18.65	36.27	26.09	00.153	1521-1								
		23.0	085	00082	18.57	36.246	26.10		1521.0								
			510	00100	18.34	36-25	26.16	00.201	1520.6								
		∠3.0	065	00124	18.13	36.252	26.22		1520.4								
			STO	00125	18.13	36.26	26.22	00.248	1520.4								
			STO	00150	18.10	36.42	26.36	00.293	1520.9								
		23.0	085	00169	18.07	36.523	26.44		1521.3								
			510	00200	18.01	36.51	26.44	00.378	1521 - 6								
			STO	00230	17.88	36.48	26.45	00.461	1522.0								
			510	00300	17 - 72	36.44	26.46	00.545	1522.3								
		23.0	085	100333	17.60	36.410	26.47		1522 - 5								
			510	00400	17.30	36 - 33	26.48	00.714	1522.6								
		23.0	085	00416	17.21	36.326	26.50		1522.6								
			STO	00500	16.74	36.36	26.64	00.878	1522.6								
		23.0	085	00500	16.74	36.358	26.64		1522.6								
		23-0	085	101253	05.25	35.291	27.90		1493.2								
							****		•								

STD   00000   18.20   36.47   26.37   00.000   1518.8   02.7   085   00000   18.20   36.47   26.37   1518.8   02.7   085   00000   18.20   36.47   26.37   1518.8   02.7   085   00000   18.20   36.47   26.37   1518.8   02.7   085   00024   18.18   36.42   26.35   00.017   1519.1   02.7   085   00024   18.18   36.42   26.34   00.034   1519.1   02.7   085   00000   18.20   36.44   26.34   00.051   1519.3   02.7   085   00000   18.21   36.45   26.32   00.085   1519.6   02.7   085   00000   18.21   36.45   26.33   00.085   1519.6   02.7   085   00000   18.21   36.45   26.33   00.085   1519.6   02.7   085   00000   18.21   36.45   26.32   00.12   1520.1   02.7   085   00000   18.21   36.45   26.33   00.12   1520.1   02.7   085   00000   18.23   36.44   26.34   00.11   1520.5   02.7   085   00000   18.23   36.44   26.34   00.21   1520.4   02.7   085   00100   18.23   36.44   26.34   00.21   1520.7   02.7   085   00100   18.23   36.44   26.34   00.21   1520.7   02.7   085   0013   18.22   36.44   26.34   00.21   1520.7   02.7   085   00100   18.23   36.44   26.34   00.21   1520.7   02.7   085   00100   18.23   36.44   26.34   00.21   1521.0   02.7   085   0016   18.21   36.49   26.32   00.25   1521.7   02.7   085   00176   18.21   36.44   26.37   00.46   1521.6   02.7   085   00176   18.21   36.44   26.47   00.40   1521.5   02.7   085   00100   17.00   36.44   26.47   00.40   1521.5   02.7   085   00000   17.12   36.35   26.50   00.678   1521.5   02.7   085   00000   17.12   36.35   26.50   00.678   1521.5   02.7   085   00000   17.12   36.35   26.50   00.678   1522.1   02.7   085   00.000   17.12   36.35   26.50   00.678   1522.1   02.7   085   00.000   17.12   36.35   26.50   00.678   1522.1   02.7   085   00.000   03.000   03.49   27.80   1591.5   00.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.000   03.0000   03.0000   03.0000   03.0000   03.00000   03.0000   03.000000   03.0000000000	C.	EFIO 31 197 ONSEC 001 AT 37 20 ONG 050 20	S MONT	1972 TH 01 08	SOTOP 05303 SHIP 3L OATA USE I AREA 05	WET 8		33 Sea	GT PER	WIND-DIR WIND-SPD WIND-FOR WEATHER	20	TRACE			5 2	N SQ 1207 SQUARE 3 SQUARE 60 SQUARE 70
STO   00000   18.20   36.47   26.37   00.000   1518.8	•	-10 030 20						027			~-	•			-	
02.7 085 00000 18.20 36.471 26.37 1518.8 510 00010 18.19 36.44 26.35 00.017 1518.9 510 00020 18.18 36.43 26.34 00.034 1519.1 1519.1 02.7 085 00024 18.18 36.429 26.34 1519.1 1519.3 02.7 085 00044 18.22 36.45 00.034 1519.3 1519.6 1519.		CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SND VEL	OXYG	P04	TOT P	NO2	ND3	5103	РН
02.7 085 00000 18.20 36.471 26.37 1518.8 510 00010 18.19 36.44 26.35 00.017 1518.9 510 00020 18.18 36.43 26.34 00.034 1519.1 1519.1 02.7 085 00024 18.18 36.429 26.34 1519.1 1519.3 02.7 085 00044 18.22 36.45 00.034 1519.3 1519.6 1519.			STO	00000	18.20	36.47	26.37	00.000	1518.8							
STO   ODOI   18.18   30.44   26.35   OD. 017   1518.9		02.7														
STO   00020								00-017								
02.7																
STO   Q0030   18.20   36.44   26.34   Q0.051   1519.6		02.7	08.5						1519.1							
STD   00050								00.051	1519.3							
02.7 085 00066 18.21 36.415 26.32 0.118 1520.1 02.7 085 00066 18.22 36.43 26.33 1520.4  570 00100 18.23 36.44 26.34 00.171 1520.5  570 00105 18.22 36.44 26.34 00.171 1520.5  570 00125 18.22 36.44 26.34 00.215 1520.9  02.7 085 00133 18.22 36.44 26.34 00.215 1520.9  02.7 085 00176 18.21 36.419 26.32 1521.7  570 00250 17.70 36.419 26.32 1521.7  570 00200 18.02 36.43 26.37 00.346 1521.6  570 00250 17.70 36.44 26.47 00.430 1521.4  02.7 085 00255 17.62 36.444 26.47 00.430 1521.6  02.7 085 00255 17.62 36.444 26.47 00.430 1521.6  02.7 085 00352 17.31 36.356 26.49 1521.5  570 00300 17.50 36.40 26.48 00.513 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  570 00400 17.12 36.35 26.54 00.678 1522.1  02.7 085 100352 37.31 36.356 26.50 1522.2  03.7 085 101987 03.94 34.976 27.79 1499.7  570 02500 03.93 34.98 27.80 1499.7  570 02500 03.93 34.98 27.80 1499.7  570 02500 03.53 34.98 27.80 1499.7  570 02500 03.53 34.98 27.80 1499.7  570 02500 03.53 34.98 27.80 1499.7  570 03000 03.51 34.982 27.84 1506.7		02.7	085	00044	18.22	36.450	26.34		1519.6							
STO   O0075   18.22   36.43   26.33   O0.128   1520.4			510	00050	18.21	36.43	26.33	00-085	1519.6							
02.7 085 00088 18.24 36.442 26.33 00.171 1520.5 5TO 00100 18.23 36.44 26.34 00.215 1520.9  02.7 085 00133 18.22 36.443 26.34 00.215 1520.9  02.7 085 00133 18.22 36.443 26.33 00.258 1521.0  STO 00150 18.21 36.449 26.32 1521.7  02.7 085 00176 18.21 36.419 26.32 1521.7  5TO 00200 18.02 36.43 26.37 00.346 1521.6  5TO 00250 17.70 36.44 26.47 00.430 1521.6  02.7 085 00265 17.62 36.444 26.47 00.430 1521.6  02.7 085 00265 17.62 36.444 26.49 00.513 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.6  02.7 085 00441 16.94 36.354 26.58 1522.2  05.7 085 101987 03.94 34.976 27.79 1499.7  5TO 02000 03.93 34.98 27.80 1499.7  5TO 02500 03.53 34.98 27.80 1499.7  05.7 085 02525 03.51 38.982 27.86 1513.5  05.7 085 103065 03.05 34.984 27.86 1513.5		02.7	085	00066	18.21	36.415	26.32		1519.9							
STO   O01 00				00075	18.22	36.43		00.128	1520-1							
STO   ODI		02.7	085	00000	18.24	36.442	26.33		15 20 . 4							
02.7			510	00100	18.23	36.44	26.34	00.171	1520.5							
SIO 00150 18.22 36.43 26.33 00.258 1521.3  02.7 085 00176 18.21 36.419 26.32  570 00200 18.02 36.43 26.37 00.346 1521.6  570 00250 17.70 36.44 26.47 00.430 1521.6  02.7 085 00265 17.62 36.444 26.49 1521.5  570 00300 17.50 36.40 26.48 00.513 1521.6  02.7 085 100352 17.31 36.356 26.50 1521.5  570 00400 17.12 36.35 26.54 00.678 1521.5  02.7 085 00441 16.94 36.348 26.58 1522.1  02.7 085 00491 16.94 36.348 26.58 1522.2  05.7 085 00491 03.93 34.98 27.80 1499.7  570 02000 03.93 34.98 27.80 1499.7  570 02500 03.53 34.98 27.80 1499.9  570 02500 03.53 34.98 27.80 1507.1  05.7 085 02525 03.51 34.982 27.64 1507.1  05.7 085 02525 03.51 34.982 27.64 1507.1  570 03000 03.10 34.95 27.86 1513.5				00125	18.22	36.14	26.34	00.215	1520.9							
02.7		02.7	085	00133	18.22	36-444	26.34									
STO   O0200   18.02   36.43   26.37   O0.346   1521.6     STO   O0250   17.70   36.44   26.47   O0.430   1521.4     O2.7   OB5   O0265   17.62   36.444   26.49   1521.5     STO   O0300   17.50   36.40   26.48   O0.513   1521.6     O2.7   OB5   TO0352   17.31   36.356   26.50   1521.6     STO   O0400   17.12   36.35   26.54   O0.678   1522.1     O2.7   OB5   O0441   16.94   36.358   26.58   1522.2     O5.7   OB5   TO1987   O3.94   34.976   27.79   1499.7     STO   O2500   O3.93   34.98   27.80   1499.9     STO   O2500   O3.53   34.98   27.84   1506.7     O5.7   O65   O2525   O3.51   34.982   27.64   1507.1     STO   O3000   O3.10   34.95   27.86   1513.5     O5.7   O85   TO3065   O3.05   34.946   27.86   1513.5     O5.7   O85   TO3065   O3.05   34.946   27.86   1513.5     O5.7   O85   TO3065   O3.05   34.946   27.86   1514.4			510	00120	18.22	36.43	26.33	00.258	1521.3							
STO		02.7	085	00176	18.21	36.419	26.32		1521.7							
02.7 085 00265 17.62 36.444 26.49 1521.5 STO 00300 17.50 36.40 26.48 00.513 1521.6 02.7 085 100352 17.31 36.356 26.50 1521.6 STO 00400 17.12 36.35 26.54 00.678 1522.1 02.7 085 00441 16.94 36.348 26.58 1522.2 05.7 085 101987 03.94 36.976 27.79 1499.7 STO 02000 03.93 34.98 27.80 1499.7 STO 02500 03.53 34.98 27.80 1499.9 STO 02500 03.53 34.98 27.80 1499.7 05.7 085 02525 03.51 34.982 27.64 1507.1 STO 03000 03.10 34.95 27.86 1513.5				00200			26.37	00.346	1521.6							
STD   O0300   17.50   36.40   26.48   O0.513   1521.6     O2.7   O05   T00352   17.31   36.356   26.50   1521.5     STD   O0400   17.12   36.35   26.54   O0.678   1522.1     O2.7   O05   O0441   16.94   36.348   26.50   1522.2     O5.7   O05   T01987   O3.94   34.976   27.79   1499.7     STD   O2500   O3.93   34.98   27.80   1499.9     STD   O2500   O3.53   34.98   27.80   1499.9     O5.7   O05   O2525   O3.51   34.982   27.04   1507.1     STD   O3000   O3.10   34.95   27.86   1513.5     O5.7   O05   T03065   O3.05   34.946   27.86   1513.5     O5.7   O05   T03065   O3.05   34.946   27.86   1514.4				00250	17.70	36.44	26.47	00.430	1521.4							
02.7 085 100352 17.31 36.356 26.50 1521.5 570 00400 17.12 36.35 26.54 00.678 1522.1 02.7 085 00441 16.94 36.348 26.58 1522.2 05.7 085 101987 03.94 34.976 27.79 1499.7 570 02000 03.93 34.98 27.80 1499.9 570 02500 03.93 34.98 27.80 1499.9 570 02500 03.53 34.98 27.84 1506.7 05.7 085 02525 03.51 34.982 27.84 1507.1 570 03000 03.10 34.95 27.86 1513.5 05.7 085 103065 03.05 34.996 27.86 1514.4		02.7		00265	17.62	36.444	26.49		1521.5							
510 00400 17-12 36.35 26.54 00.678 1522.1 02.7 085 00441 16.94 36.348 26.58 1522.2 05.7 085 101987 03.94 34.976 27.79 1499.7 510 02000 03.93 34.98 27.80 1499.7 510 02500 03.53 34.98 27.84 1506.7 05.7 085 02525 03.51 34.982 27.84 1507.1 510 03000 03.10 34.95 27.86 1513.5 05.7 085 103065 03.05 34.946 27.86 1514.4			STO	00300	17.50	36.40	26.48	00.513	1521.6							
02.7 085 00441 16.94 36.348 26.58 1522.2 05.7 085 701987 03.94 34.976 27.79 1499.7 510 02000 03.93 34.98 27.80 1499.9 510 02500 03.53 34.98 27.84 1506.7 05.7 085 02525 03.51 34.98 27.84 1507.1 510 03000 03.10 34.98 27.84 1507.1 510 03000 03.10 34.95 27.86 1513.5 05.7 085 703065 03.05 34.946 27.86 1514.4		02.7		T00352	17.31	36.356	26.50		1521.5							
05.7 085 T01987 03.94 34.976 27.79 1499.7  5T0 02000 03.93 34.98 27.80 1499.9  5T0 02500 03.53 34.98 27.84 1506.7  05.7 085 02525 03.51 34.982 27.84 1507.1  5T0 03000 03.10 34.95 27.86 1513.5  05.7 085 T03065 03.05 34.946 27.86 1514.4				00400	17-12	36.35	26.54	00.678	1522.1							
510 02000 03.93 34.98 27.80 1499.9 510 02500 03.53 34.98 27.84 1506.7 05.7 085 02525 03.51 34.982 27.84 1507.1 510 03000 03.10 34.95 27.86 1513.5 05.7 085 103065 03.05 34.946 27.86 1514.4		02.7	065	00441	16.94	36.348	26.5€		1522.2							
5T0 02500 03-53 34-96 27-84 1506-7 05-7 065 02525 03-51 34-982 27-84 1507-1 5T0 03000 03-10 34-95 27-86 1513-5 05-7 065 T03065 03-05 34-946 27-86 1514-4		05.7	085	T01987	03.94	34.976	27.79		1499.7							
05.7 065 02525 03.51 34.982 27.64 1507.1 570 03000 03.10 34.95 27.86 1513.5 05.7 085 703065 03.05 34.946 27.86 1514.4			510	02000	03.93	34.98	27.80		1499.9							
5TO 03000 03.10 34.95 27.86 1513.5 05.7 085 T03065 03.05 34.946 27.86 1514.4			STO	02500	03-53	34.90	27.84		1506.7							
05.7 085 T03065 03.05 34.946 27.86 1514.4		05.7			03.51		27.04									
05.7 OAS T03609 02.62 35.113 28.03 1522.3							27.86		1514.4							
		05.7	<b>08</b> 5	T03609	02.62	35.113	28.03		1522.3							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.

CDMSEC ( LAT 47 OC LONG 048 54 CASTNUM/TI	9.0W	YEAR MONTO OAY HOUR STD OBS	04	80 TOP 00090 SMIP EV OATA USE 1 AREA 05 TEMP - 1.31 - 1.31 - 1.33 - 1.37 - 1.41 - 1.44 - 1.44 - 1.48 - 1.48	AIR T MET 8 BARDWCLOUD SAL 32.86 32.86 32.86 32.86 32.86 32.86 32.86 32.86 32.86 32.86 32.86 32.86 32.86 32.86	ULB 00.6 ETR 1315.9	DER H 18 SEA CL/TR OYNOPTH 00.000 00.016 00.032 00.048 00.079	GT PER 1 2 SNO VEL 1440.2 1440.3 1440.3 1440.3 1440.3 1440.3 1440.4 1440.7 1440.7	WIND-SPO WIND-FOR WEATHER	13 x4	TRACE DURAT		00.1	5	N SO 130 SQUARE SQUARE T	6
						•••••		•								
REFIO 31 1 CONSEC ( LAT 47 00 LONG 048 34	0002 0.0N	YEAR MONT- OAY HOUR	04	BOTOP OOLOB SHIP EV OATA USE 1 AREA 05	AIR 1 HET ( 8ARO) CLOU(	OULB 00.6 METR 1015.2		GT P€R 3 2	HIND-01R HIND-5PD HIND-FOR HEATMEQ	13	TRACE DURAT		00.1	5	EN 50 130 Souare Square 4 Square 7	4
C4STNUM/T	1 4 E	LVLTYP	0EPTH	TEMP	SAL	SIGNA-T	DYMOPTH	SND VEL	OXYG	P34	101 P	MO2	MO3	5133	₽н	
21	2.1	510 085 510 085 51D 085 51D 085 51D 085 510 085 510 085 510	00000 00000 00010 00012 00020 00030 00035 00055 00055 00076 00100 00100	- 1.37 - 1.37 - 1.36 - 1.37 - 1.38 - 1.38 - 1.38 - 1.46 - 1.46 - 1.55 - 1.66 - 1.66	32.82 32.82 32.82 32.82 32.82 32.82 32.83 32.81 32.82 32.81 32.82 32.85 32.85 32.85 32.85 32.85 32.85 32.85 32.85 32.85 32.85 32.85	26.42 26.42 26.42 26.42 26.42 26.42 26.42 26.42 26.42 26.45 26.54 26.54	00.000 00.016 00.032 00.049 00.081 00-121 00-159	1439.9 1440.1 1440.1 1440.2 1440.3 1440.3 1440.3 1440.3 1440.3 1440.3								
		YEAR MONTH DAY HOUR	04 08	801DP 00121 SHIP EV DAT4 USE I AREA OS		ULB -07.6 ETR 1314.6	DIR H 20 . SEA CL/TR		WIND-OIR WIND-SPD WIND-FOR WEATHER	17	TRACE		00.1	5 2	N SJ 130 SQUARE SQUARE 6 SQUARE 7	8
CASTNUM/TI		VLTYP DBS	DEPTH 00009	TEMP - 1.36	5AL	513MA-T	OYNOPTH	SND VEL	Эхүб	P 3 4	101 P	MO2	NO3	5133	pн	
		510 510 085 510 085 085 085 510 085 510 085 510 085	00010 00020 00021 00031 00032 00047 00050 00075 00075 00075 00092 00100 00117	- 1.36 - 1.35 - 1.35 - 1.35 - 1.42 - 1.42	32.813 32.813 32.812 32.812 32.811 32.795 32.82 32.822 32.822 32.822 32.822 32.820 33.004	26.41 26.41 26.41 26.41 26.41 26.42 26.42 25.42 25.42 26.42 26.42 26.51 26.51		1440-1 1440-3 1440-3 1440-5 1440-5 1440-5 1440-5 1440-5 1440-3 1440-3 1440-2 1440-4 1441-0								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296, --Continued

REF10 31 8296 CONSEC 0004 LAT 47 01 N LONG 047 50 H	MONT: 04Y	OR	BOTOP OOLST SMIP EV OATA USE 1 AREA 05	WET !		16	GT PER O Z	#10-018 90-000 90-000 9341 9341	14	TRACE DURAT	018	00.1 00.1	5	N 50 1 SQUARE SQUARE SQUARE	66
CASTNUM/TINE	L"" TYP	0EptH	TEMP	SAL	S1544-T	OYNOPTH	SNO VEL	OXYG	P34	TOT P	402	FON	\$133	ρН	
03.3	085	00011	- 1.37	32.856	26.45		1440.1								
۷,,,	STO	00020	- 1.37	32.86	26.45		1440.2								
	570	00030	~ 1.38	32.85	26.45		1440 -4								
	085	000 31	- 1 - 36	32.854	26.45		1440.4								
	065	00037	- 1-41	32.845	26.44		1440.3								
	085	00049	- 1-59	32.893	26.48		1439.6								
	510	00050	- 1.59	32.89	26.49		1439.6								
	OBS	00051	- 1.59	32-896	26.49		1439.6								
	085	00068	- 1.54	33.025	26.59		1440.5								
	STO	00075	- 1.41	33-10	26.65		1441.3								
	085	00075	- 1.41	33.105	26.65		1441.3								
	085	00061	- 1.23	33.167	26.70		1442.4								
	065	00087	- 1.42	33.171	26.71		1441-6								
	510	00100	- 1.28	33.27	26.78		1442.6								
	nes	00101	- 1-27	33.277	26.79		1442.7								
	STO	00125	- 1.31	33.29	26.80		1442.9								
	085	00126	- 1-31	33-291	26.60		1442.9								
	065	00134	- 1.32	33.313	26.82		1443.0								
	085	00139	- 0.77	33-396	26.67		1445.8								
	STO	00150	- 0.77	33.40	26.67		1446.0								
	065	00151	- 0.77	33.396	26.67		1446.0								
					• • • • •	••••••	•								

	005 N	YEAR MONT- OAY HOUR	04 08	BOTOP SHIP E OATA L AREA	٧	AIR I MET E Baroi Cloud	SULB 02.	.2 21		#1NO-01R #1ND-SPO #1ND-FOR WEATHER	53	TRACI	PIO	ECUROER 0 00-1 10	•	EN SQ 1 SQUARE SQUARE SQJARE	E 4 E 66
CASTNUM/TEN	ıF L∀L	TYP	GEPTH	TE	MP	S AL	S 1GN4-T	OYNOPTH	SNO VEL	DXYG	P 3 4	TOT P	NOZ	NO3	\$10	РЧ	
	s	TO	00000	~ 1.	23	32.90	26.49	00.000	1440.7								
07.	7 OA	S	00003	- 1.	23	32.905	26-49		1440.7								
		TO	00010	- 1.	.24	32.91	26.49	00.016	1440.8								
	5	To	00020	- 1.		32.91	26.49	00-03L	1440.9								
	08	5	00025	- 1.	. 25	32.91B	26.50		1441-0								
	S	70	000 30	- 1-	26	32.97	26.54	00.046	1441 .1								
	S	TO	00050	~ 1.	.28	33.16	26.69	00.075	1441-6								
	08	15	00050	- 1.	28	33.164	26.70		1441 -6								
	08		00073	- 1-		33-288	26.79		1442.5								
		TO	00075	- 1.		33.29	26.AO	00.107	1442.5								
	S	חד	00100	~ 1.		33.40	26.B8	00.138	1443.2								
	08		00100	- 1,		33.399	26.88		1443.2								
	08		00103	- 1.		33.412	26.89		1443.5								
	08		00109	- 1.		33.487	26.96		1442.7								
	0.8		00115	- 0.		33.439	26,90	•	1445.5								
	08		00151	- 0-		33.462	26.91		1446.3								
		10	00125	- 0.		33.53	26.97	00.166	1446-1								
	08	15	00125	- 0		33.530	26.97		1446.1								
	08		00130	- 0,		33.532	26.97		1446.8								
	08		00142	- 0		33-556	26.97		[448.5								
		ro	00150	- 1.		33.51	26.97	00.193									
	08		00150	- L.		33.509	26.97		[444.9								
	08		00153	- 1.		33.610	27-05		1444.9								
	08		00161	- 0.		33.666	27.0B		1447.3								
	0.8		00165	- 0.		33.785	27.16		1448.6								
	96		00198	00.		33.774	27.14		1450 - 6								
	0.6		00183		48	33.921	27.23		1453.1								
	08		001 91	00,		33.909	27.21	741	1453.9								
		10	00500		. 82	33.96	27.24	00.241									
	08		00201		85	33-969	27.25		1455.0								
	08		00219		. 36	34.165	27.37		1457.9								
	08		00275		.79	34.322	27.47		1460.1								
	O.A		00249		18	34 - 36 9	27-47		1462.3								
		TD.	00250		.18	34.37	27.47	00.278	1462.3								
	08		00273		.52	34.470	27.53		1464.3								
	nB		00284		. 05	34.586	27.57	00 300	1466.9								
		510	00300		. 16	34.59	27.57	00.308	1467.7								
	DB		00307		. 16	34.596	27.57		1467-8								
	78	35	00305	0.3	- 51	34.608	27.57		14.10.0								

Table X411.--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

PEFID 31 9296 CONSEC 0006 LAT 47 12 N LONG 047 09 W	MUNTI DAY	1972 H 04 04 11.3	BOTUP 00690 SHIP EV DATA USE 1 AREA 05				IGT PER 3 2	4INO-01R WINO-5RD WIND-FOR WEATHER		TRA(	T STO REC CE OIR ATION G IIP 110	00.2	5	N SQ 1 SOUARE SQJARE SQUARE	66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	5AL	5 I GMA -T	OYNOPTH	SNO VEL	3XYG	P)4	TOT F	NO2	NO3	\$133	рđ	
	510	00000	- 1.11	32.93	26.50	00.000	1441 • 3								
11.3	U95	00000	- 1.11	32.929	26.50		1441.3								
	510	00010	- 1.13	32.95	25.52	00.015	1441 -4								
	510	00020	- 1.16	32.97	26.53	00.031	1441.4								
	785 510	00030	- 1.18 - 1.21	32.975 33.03	26.54 26.59	00.045	1441.4								
	510	00050	- 1.32	33.22	26.74	00.073	1441.5								
	085	00050	- 1.32	33.224	26.75	00.013	1441.5								
	510	00075	- 1.44	33.33	26.83	00.105	1441.5								
	085	00775	- 1.45	33.333	26.84		1441 - 5								
	510	00100	- 1.55	33.45	26.93	00.134	1441.6								
	JBS	00100	- 1.55	33.449	26.93		1441.6								
	08.5	00103	- 1.57	33.452	26.94		1441.5								
	085	0106	- 1.55	33.488	26.97		1441 - 7								
	08.5	00109	- 1.41	33.602	27.05		1442-6								
	URS	00112 00115	- 1-16	33.618 33.569	27.06		1443.A								
	08.5 08.5	00124	- 1.00 - 0.88	33.587	27.01 + 27.03		1444.6								
	\$10	00125	- 0.85	33.59	27.03	00.161	1445.5								
	OB S	00132	- 0.57	33.671	27.08	5	1447.0								
	085	00139	- 0.94	33.662	27.09		1445.4								
	08.5	00144	- 0.76	33.721	27 - 13		1446.4								
	SID	00150	- 0.56	33.81	27.20	00 - 185	1447.5								
	DB2	30151	- 0.50	33.829	27.21		1447.9								
	OBS	00157	00.04	33.909	27.24		1450 • 7								
	J85	00160	00.27	33.944	27.26		1451.7								
	085	00175	00.58	33.992	27.28		1453-4								
	∩8 <b>5</b> ⊓85	00178	00-77 01-01	34.916 34.081	27.29 27.33		1454.4								
	085	00199	01.37	34.131	27.34		1457.6								
	510	00200	01 - 38	34.13	27.35	00.225	1457.6								
	085	00225	01.66	34.230	27.40		1459.4								
	J85	00229	01 - 77	34.316	27.46		1460.1								
	985	00233	02.04	34.333	27.46		1461 -4								
	18 S	00249	02.14	34 - 330	27.45		1462.1								
	510	00250	02.13	34.34	27.45	00.260	1462.0								
	035	00252	02.12	34.368	27.48		1462.1								
	J85 G85	00259	02.39	34.41B 34.473	27.50 27.52		1463.4								
	510	00300	02.62 02.92	34.53	27.54	00.291	1464.8								
	085	00300	02.92	34.535	27.54		1466+6								
	085	00325	03.04	34.563	27.55		1467.5								
	085	00337	02.87	34.528	27.54		1467.0								
	nes	00347	02-90	34.574	27.58		1467.4								
	945	00385	03-13	34.597	27.57		1469.0								
	510	00400	03.27	34.62	27.5 A	00.347	1469.8								
	OBS	00400	03.27	34.625	27.58		1469.8								
	0.85	00425	03.40	34.648 34.696	27.59		1470.9								
	280 280	00452 00469	03.57	34.793	21.61 21.66		1472.1 1473.8								
	085	00469	03.90	34.782	27.64		1474.0								
	STD	00500	04.01	34.82	27.67	00.398	1474.9								
	OBS	00501	04-01	34.823	27.67	,	1474.9								
	08.5	00524	04.07	34.843	27.68		1475.6								
	085	00554	04.10	34.851	27.68		1476 - 2								
	OBS	00579	04-10	34-855	27.68		1476.6								
	STD	005 00	04.08	34.86	27.69	09.446	1476.9								
	085	006.03	04-08	34-858	27.69		1477.0								
	280	00607	04.08	34.861	27.69		1477.0								

Table XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296, "Continued

REF10 31 8296 CONSEC 0007 LAT 47 02 N LONG 046 56 W	MONT	1972 9 04 08 14.6	80 TOP 01168 SHIP EV OATA USE 1 AREA 35				GT PER	HIND-DIR HIND-SPO HIND-FOR HEATHER	3)	TR ACI		0	5 2	EN SO I SOUARE SOUARE SOUARE	66
CASTNUM/TIME	LVLTYP	0EptH	TEMP	SAL	S EGMA-T	OYNUPTH	SNO VEL	TXY G	P ) 4	TOT P	N72	NO3	5133	9.4	
	510	00000	- 1.19	33.32	26.82	00.000	1441.4								
14.6	085	00001	- 1.19	33.316	26.R2	00.300	1441+4								
	085	00004	- 1.19	33,314	26.81		1441.5								
	510	00010	- 1.19	33.32	26+82	00.012	1441 -6								
	510 085	00020 00026	- 1-19 - 1-19	33.33 33.334	26.83 26.83	00.025	1441.8								
	510	00030	- 1-23	33.37	26.86	00.037	1441.3								
	085	00049	- 1 - 51	33.522	26.99		1441.0								
	510	00050	- 1.54	33.53	27.00	00.059	1440.9								
	085 085	00056	- 1.66 - 1.67	33.574	27.04 27.06		1440.5								
	085	00070	- 1.16	33.655	27.09		1443.2								
	285	00074	- 1.02	33.676	27.10		1444.0								
	510	00075	- 1.02	33.68	27.10	00.085	1444.0								
	085	00094	- 0.86	33.806	27.20	00 107	1445+2								
	STO 085	00100	- 0.62 - 0.50	33.92 33.930	27.28 27.29	00.107	1446 + 6								
	085	00105	- 0-25	33.923	21.27		1448.4								
	STO	00125	- 0.14	33.94	27.28	00.127	1449.3								
	510	00150	00-01	34 • 06	27.37	00.146	1450.5								
	085 085	00153 00164	00.03 00.64	34.090 34.182	27.39 27.43		1450.7								
	085	00169	00.82	34.205	27.44		1454.7								
	085	00174	00.89	34,206	27.44		1455.1								
	085	00178	00.98	34.241	27.46		1455+6								
	085 085	00186	01.51 02.17	34.357	27.52 27.53		1458.3								
	085	00194	02.46	34.497	27.55		1462.8								
	510	00200	92-48	34.50	27.55	00.177	[463.0								
	085	00225	02.69	34.520	27.55		1464.3								
	STO 085	00250 00251	03.00	34 • 61 34 • 619	27.59 27.60	00.204	1466.2								
	085	00257	03.44	34.683	27.61		1468.3								
	OBS	00273	03.58	34.745	27.65		1469.2								
	STO	00300	03.74	34.77	27.65	00 • 229	1470.4								
	085	00306 00325	03.7A 03.91	34.78l 34.82R	27.66 27.68		1470.7								
	085	00352	03-96	34.843	27.69		1472.3								
	085	00376	04.04	34.865	27.70		1473-0								
	510	00400	04.07	34.88	27.70	00.275	1473 - 6								
	085 085	00401 00424	04.07 04.08	34 • 879 34 • 889	27.70 27.71		1473.6								
	085	00455	04.08	34.896	27.72		1474.6								
	085	00473	04.07	34.900	27.72		1474.8								
	510	00500	04.07	34.90	21.72	00.318	1475.3								
	085 085	00502 00531	04.07	34.904	21.72		1475.3 1475.8								
	085	0 05 4 9	04-06	34.910	27.73		1476.1								
	085	00578	04.05	34.912	27.73		1476.5								
	510	00600	04.05	34.91	27.73	00.362	1476.9								
	085	00602 00629	04.05	34-915 34-917	27.13 21.74		1476.9								
	085	00653	04.04	34.919	27-74		1477.7								
	085	00674	04.03	34.919	27.74		1478.0								
	510	00700	04.03	34.92	27-74	00-405	1478.4								
	08.5 0.85	00700 00724	04.03	34.924 34.926	27.74 27.75		1478.4								
	085	00750	04-04	34.935	27.75		1479.3								
	085	00776	04.04	34.938	27.75		1479.8								
	510	00800	04.03	34.94	27.76 27.76	00.447	1480.1								
	085 510	00900	04.03	34.941 34.95	27.77	00.490	1480.1								
	085	00900	04.00	34.955	27.77		1481.7								
	STO	01000	03.95	34.96	27.79	00.532	1483.2								
	085	01000	03.95	34.965	21.19		1483.2								
	085	01016	03.94	34.964	27.79		1483.4								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF10 31 8296 CONSEC JOO8	TPOM	1972 1 04	901 <sup>0</sup> P 0075 Ship ev	O AIR WET		01R 24	HGT PER 5 2	WIND-GIR WIND-SPO		INST TRACE	STO REC	OROER		N SQ 13	
LAT 47 05.0N LONG 046 39.5W	NAY HOUR	09 17.6	OATA USE AREA )		METR 1005.1	SEA CL/T		WINO-FOR WEATHER	X &	DURAT		00.2	2	SQUARE SQUARE SQUARE	66
													•	3404	
CASTNUM/TIME	LVLTYP	0EPTH	TEMP	SAL	51G4A-1	DYNOPTH	SNO VEL	OXYG	P 3 4	701 P	402	N03	5133	Pi	
17.6	51n 385	00000 00003	02.95	33.96	27.08	00.000	1461.0								
1	510	00010	02.95 02.95	33.963 33.96	27.08 27.09	00.010	1461.0								
	510	00020	02.95	33.97	27.09	00.020	1461.2 1461.3								
	NB 5	00024	02.95	33.967	27.09		1461.4								
	012	00030	02.94	33.97	27.09	00.030	1461.5								
	085 <b>51</b> 0	00049 00050	02-86	33.976	27.10		1461.4								
	085	00054	02.86 0 <b>2.</b> 82	33.98 33.952	27.10 27.09	00.049	1461.4								
	085	00057	02.66	33.915	27.07		1461.3								
	085	00060	02.58	33.961	27.12		1460.4								
	085	00074	02.69	33.995	27-13		1461.1								
	510 510	00075	02.69	34.00	27.13	00.073	1461-1								
	085	00100 00108	02.67 02.67	34.00 33.999	27.14	00.097	1461.5								
	085	00124	02.77	34.044	27.14 27.17		1461.6								
	510	00125	02.77	34.04	27.16	00-120	1462.4 1462-4								
	OBS	00127	02.76	34.022	27.15	001120	1462.3								
	085	00133	02.49	34.090	27.23		1461.4								
	085	00135	02.56	34-104	27.23		1461-7								
	085 085	00143 00148	01.89 01.60	34+083 34+103	27.27		1458.9								
	510	00150	02.07	34.20	27•31 27•35	00-141	1457.7 1459.9								
	085	00157	03.71	34.492	27.43	001141	1467.5								
	085	00163	04.14	34.517	27.41		1469.5								
	085	00169	04.16	34.518	27.41		1469.7								
	085 085	00174 00199	04•40 04•68	34.559 34.666	27.41		1470.8								
	510	00200	04.67	34.67	27.47 27.47	00.176	1472.5 1472.5								
	085	00223	04.63	34.751	27.54	00.176	1472.8								
	510	00250	04.92	34.86	27.59	00.205	1474.6								
	085	00253	04.92	34.862	27.60		1474.7								
	085 085	00277 00287	04.72	34-836	27.60		1474.2								
	065	00298	04.47 04.64	34.838 34.872	27.63 27.64		1473.3								
	STO	00300	04.66	34.88	27.64	00-231	1474.3								
	085	00327	04.81	34.912	27.65	000231	1475.5								
	085	00332	04-80	34.915	27.65		1475.6								
	065 065	00348	04.73	34.908	27.65		1475.5								
	085	00354 00358	04.67 04.63	34.862 34.900	27.63		1475.3								
	085	00373	04.49	34.886	27.66 27.66		1475.3 1474.9								
	085	00398	04.38	34.893	27.68		1474.9								
	STO	00400	04.39	34.89	27.68	00.279	1474.9								
	085	00427	04-44	34-919	27•70		1475.6								
	085 085	00452 00461	04.36	34.902	27-69		1475.7								
	085	00475	04.31 04.31	34.911 34.914	27.70 27.71		1475.6								
	085	00499	04-24	34.914	27.71		1476.0								
	510	00500	04.24	34.91	27.71	00.324	1476.0								
	085	00525	04.22	34-916	27 • 7 2		1476.3								
	085 085	00576	04.19	34.922	27.73		1477.1								
	210	00599 00600	04.15 04.15	34.923 34.92	27.73	00 246	1477.3								
	085	00626	04.15	34.92	27•73 27•73	00-368	1477.3								
	085	00656	04.17	34.927	27.73		1478.3								
	085	00679	04.13	34.928	27.74		1478 - 5								
	085 510	006 98 00700	04-11	34.928	27.74		1478.8								
	085	00700	04-11	34.93	27.74	00.411	1478-8								
	003	00100	04.11	34.927	27.74		1478.9								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

REFIN 31 9296 CONSEC 0009 LAY 47 06 N LONG 046 24 N	HONT AAO	1972 1 04 08 20.2	BOTOP 00329 SHIP EV DATA USE L AREA 05	WET RARO		21	IGT PER 2 3	MINO-DIP MIND-SPE WIND-FOR MEATHER	5.3	TRAC DURA	STO RE E DIR TION IIP II	00.	) 5 l 2	EN SO 1 SOUARE SOUARE SOUARE	66
CASTNUM/TIME	LVLTYP	OfptH	TEMP	SAL	SIGN4-F	DYNOPTH	SNO VEL	DXY G	P 74	TOT P	NO?	NO3	51)3	P 4	
	510	00000	01.82	33.64	27.08	00.000	1455.9								
20.2	985	000 QR	01.82 01.82	33.R45 33.84	27.08 27.08	00.010	1456.0 1456.I								
	085	00010	01.82 01.82	33.845 33.844	27.08 27.08		1456 • 1 1456 • 2								
	510	00020	01-82	33.84	27.08	00.020	1456 . 2								
	510 085	00030	01.79 01.79	33.85 33.854	27.09 21.09	00.033	1456.3 1456.3								
	510 985	00050	01.80 01.80	33.86 33.857	27.09 27.09	00.049	1456.6								
	085	00059	01.91	33.854	27-08		1457.3								
	OBS STO	00070 00075	01.95 02.26	33.914 33.94	27.13 27.13	00-073	1457.7 1459.2								
	D85 D85	00075 00079	02.47	33.941 33.991	27.13 27.15		1459.2								
	085	00100	02.80	34.006 34.00	27.13 27.12	00.097	1461.9								
	510 DBS	00100	02.90 02.90	34.004	27.12	00.071	1462.5								
	085 510	00110 00125	03.01 03.23	34.032 34.09	27.13 27.16	00.121	1463.l 1464.4								
	085 085	00125 00131	03.24 03.08	34.092 34.051	27.16 27.14		1464.5								
	DBS	00136	01.67	34-026	27.24		1457.7								
	08 S 08 S	00140 00145	01.64 01.75	34.042 34.170	27.25		1458.4								
	\$10 085	00150 00150	02.14 02.20	34.25 34.258	27•38 27•38	00.141	1460.3								
	085 085	00160 00175	03.07	34.26 P	27.310° 27.300										
	510	00200	03.64	34.37	27.35	00.179	1467.8								
	085 085	00200 00224	03.65 04.00	34.378 34.488	27.35 27.40		1467.8								
	085 510	00248 00250	04•42 04•46	34.596 34.61	27.44 27.45	00.213	1472.2								
	085 \$10	00274	04.79 04.67	34.756 34.81	27.53 27.58	00.244	1474.3								
	085	00300	04-67	34-808	27.58	55.2	1474.3								
	085	00311	04.64	34-826	27.60		1474.4								
					****	• • • • • • • • •	•								
REFIO 31 8296 CONSEC 0010 LAT 47 05 N LONG 046 04 M	NONT-	1972 1 04 08 22.6	8070P 00311 SHIP EV OAT4 USE 1 4REA 05	418 1 WET 6 BARON CLOUG	ULB 01.7 ETR 1010.5	DIR HO 21 : SEA CL/TR	ST PER	WIND-OIR WIND-5°0 WINO-FOR WEATHER	13	TRACE DURAT		00 • I	5	N SO 13 SOUARE SOUARE SOUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	NONT- OAY HOUR	4 04 08	SHIP EV OATA USE 1	WET 6	ULB 01.7 ETR 1010.5	21 SEA		WIND-EOR	13	TRACE DURAT	DIR LON	00 • I	5	SOUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	NONT- OAY HOUR LVLTYP	1 04 08 22.6	SHIP EV OAT4 USE 1 4REA OS	WET E BARON CLOUG	ULB 01.7 EFR 1010.5 T/4	SEA CL/IR	? 3	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	NONT- OAY HOUR LVLTYP OBS STO	04 08 22.6 0EPTH 00009 00010	SHIP EV 0AT4 USE 1 4REA 05	SAL 33.535 33.54	ULB 01.7 SETR 1010.5 T/4 SIGNA-T 26.92 26.92	SEA CL/IR	SNO VEL 1449.9 1449.9	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	NONT- OAY HOUR LVLTYP OBS STO OBS STO	04 08 22.6 0EPTH 00009 00010 00012 00020	SHIP EV OATA USE 1 AREA 05 TEMP 00.54 00.54 00.55 00.52	MET 6 BARON CLOUG SAL 33.535 33.54 33.540 33.55	SIGNA-T 26.92 26.92 26.92 26.93	SEA CL/TR	SNO VEL 1449.9 1449.9 1450.0	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	NONT OAY HOUR LVLTYP OBS STO OBS STO OBS	04 08 22.6 0EPTH 00009 00010 00012 00020 00030 00039	SHIP EV OATA USE 1 4REA 05 TEMP 00.54 00.55 00.52 00.49	MET E BARD CLOUG SAL 33.535 33.54 33.550 33.57 33.57	ULB 01.7 IETR 1010.5 T/4 SIGNA-T 26.92 26.92 26.92 26.93 26.95 26.97	SEA CL/TR	SNO VEL 1449.9 1449.9 1450.0	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	HOUR  LVLTYP  OBS  STO OBS STO STO	04 08 22.6 0EPTH 00009 00010 00012 00020 00030 00039 00042	SHIP EV 0ATA USE 1 AREA 05  TEMP  00.54 00.55 00.55 00.52 00.49 00.45 00.20	MET E BARD CLOUG 5AL 33.535 33.54 33.540 33.55 33.57 33.57 33.594 33.88 P	ULB 01.7 IETR 1010.5 T/4 SIGNA-T 26.92 26.92 26.92 26.93 26.95	SEA CL/TR	SNO VEL 1449.9 1450.0 1450.0 1450.0	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	NONTO OAY HOUR LVLTYP  OBS STO OBS STO OBS OBS OBS OBS OBS	06 08 22.6 0EPTH 00009 00012 00020 00030 00039 00042 00045	SHIP EV 0474 USE 1 48EA 05  TEMP  00.54 00.54 00.55 00.52 00.49 00-45 00.20 00.93 01-41	MET 6 BARD CLOUG SAL 33.535 33.540 33.55 33.57 33.57 33.88 P 33.88 P 33.88 P	ULB 01.7 TETR 1010.5 T/A  SIGNA-T  26.92 26.92 26.92 26.93 26.95 26.97 27.210 27.240 27.15 **	SEA CL/TR	SNO VEL 1449.9 1450.0 1450.0 1450.0 1450.1	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	NONT- OAY HOUR LVLTYP OBS STO OBS STO OBS OBS OBS STO OBS	04 08 22.6 0EPTH 00009 00010 00012 00020 00039 00045 00046 00050 00050	TEMP  00.54  00.54  00.55  00.52  00.45  00.45  00.20  00.93  01.41  01.46  01.50	MET E BARCA CLOUG SAL 33.535 33.54 33.550 33.57 33.594 33.88 93.889 33.889 33.889	ULB 01.7 TETR 1010.5 T/A  SIGMA-T  26.92 26.92 26.92 26.93 26.95 26.97 27.210 27.240 27.15 * 27.10	SEA CL/TR	SNO VEL 1449.9 1449.9 1450.0 1450.0 1450.1 1454.9 1455.1 1455.3	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	08Y HOUR LVLTYP 08S STO 08S STO 08S 08S 08S STO 08S STO 08S	04 08 22.6 0EPTH 00009 00010 00012 00020 00030 00039 00045 00045 00050	TEMP  00.54 00.55 00.55 00.55 00.52 00.49 00.45 00.20 00.93 01.41 01.46 01.55 01.57	SAL 33.535 33.54 33.550 33.57 33.594 33.889 33.889 33.889 33.889 33.889 33.889 33.889 33.889 33.889 33.889 33.889	SIGNA-T  26.92 26.92 26.92 26.93 26.97 27.210 27.240 27.15 * 27.10 27.08 27.07	SEA CL/TR	SNO VEL 1449-9 1449-9 1450-0 1450-0 1450-1 1454-9 1455-3 1455-3 1455-1	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT- OAY HOUR  LVLTYP  OBS STO STO STO STO OBS OBS OBS STO OBS STO OBS STO OBS STO OBS	04 08 22.6 0EPTH 00009 00010 00012 00020 00030 00039 00042 00045 00050 00050 00050 00075 00080 00010	TEMP  00.54 00.55 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71	SAL 33.535 33.54 33.55 33.57 33.57 33.59 33.88 P 33.88 P 33.88 S 33.88 P 33.88 P 33.88 P 33.88 P 33.88 P 33.88 P 33.88 P	ULB 01.7 TETR 1010.5 T/4 SIGNA-T 26.92 26.92 26.92 26.92 26.93 26.95 27.240 27.240 27.15 * 27.12 * 27.10 * 27.08	SEA CL/TR	SNO VEL 1449.9 1450.0 1450.0 1450.0 1450.1 1454.9 1455.1 1455.3 1455.9 1456.1	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT- OAY HOUR LVLIYP OBS STO OBS OBS OBS OBS OBS OBS STO OBS STO OBS STO OBS STO	04 08 22.6 0EPTH 00009 00010 00012 00020 00030 00030 00042 00045 00048 00050 00050 00010 00100 00100	TEMP  00.54 00.54 00.55 00.52 00.45 00.45 00.20 00.93 01.41 01.46 01.50 01.55 01.57 01.66 01.71 01.96	SAL  33.535 33.54 33.550 33.554 33.88 93.88 93.88 33.88 33.88 33.88 33.88 33.81 33.80 33.81 33.80	ULB 01.7 TETR 1010.5 T/A  SIGMA-T  26.92 26.92 26.92 26.93 26.95 27.210 27.240 27.15 * 27.10 27.08 27.07 27.11 27.12 27.12 27.12	SEA CL/TR	SNO VEL 1449-9 1449-9 1449-9 1450-0 1450-0 1450-1 1454-9 1455-1 1455-1 1455-1 1456-8 1457-2 1456-8	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT-OAY ROUTE OAY ROUTE OAY ROUTE OAS STO OAS OAS STO	04 08 22.6 0EPTH 00009 00010 00012 00042 00045 00051 00051 00005 00124 00125 00125 00125 00125	TEMP  00.54 00.54 00.55 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.50 01.57 01.66 01.71 01.96 01.93	SAL  33.535 33.54 33.54 33.55 33.57 33.594 33.88 P	SIGNA-T  26.92 26.92 26.92 26.92 26.95 26.97 27.210 27.24Q 27.15 * 27.10 27.08 27.07 27.11 27.12 27.10 27.08	SEA CL/TR	SNO VEL 1449.9 1449.9 1449.0 1450.0 1450.0 1450.1 1455.1 1455.1 1455.1 1456.8 1458.6 1458.6 1458.6	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT: OAY HOUR  LVLTYP  OBS STO OBS OBS OBS OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	06 PTH 00009 00010 00012 00020 00042 00045 00051 00065 00065 00065 00124 00125 00131 00131 00131	TEMP  00.54 00.55 00.55 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.96 01.73 01.43 01.43	SAL  33.535 33.54 33.54 33.55 33.57 33.59 33.88 P	SIGNA-T  26.92 26.92 26.92 26.93 26.95 26.97 27.210 27.240 27.15 • 27.10 27.08 27.07 27.11 27.12 27.10 27.08 27.12 27.10 27.08 27.11 27.12 27.10 27.08 27.11	SEA CL/TR	SNO VEL 1449.9 1449.9 1450.0 1450.0 1450.1 1456.1 1455.3 1455.1 1455.3 1455.1 1456.8 1457.6 1458.6 1458.6	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT- OAY HOUR  LVLITYP  OBS STO OBS OBS OBS OBS STO OBS STO OBS STO OBS STO OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	06 04 08 22.6 0EPTH 00009 00010 00012 00020 00030 00050 00050 00010 00010 00105 00105 00125 00126 00131 00137 00142	TEMP  00.54 00.54 00.55 00.52 00.45 00.20 00.93 01.41 01.46 01.50 01.57 01.66 01.71 01.96 01.93 01.73 01.43 01.07	SAL  33.535 33.54 33.550 33.554 33.88 33.54 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88	SIGMA-T  26.92 26.92 26.92 26.92 26.95 26.97 27.210 27.12 • 27.12 • 27.12 • 27.11 27.12 27.11 27.12 27.11 27.12 27.11 27.12 27.10 27.08 27.12 27.12 27.10 27.12 27.10 27.12 27.11 27.12 27.11 27.12 27.12 27.10 27.20	SEA CL/TR	SNO VEL 1449-9 1449-9 1450-0 1450-0 1450-1 1455-3 1455-3 1455-3 1455-3 1457-2 1456-1 1456-1 1456-1 1456-1 1456-1	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT-OAY ROUTE OAY ROUTE OAY ROUTE OAS STO OAS OAS STO OAS OAS OAS OAS OAS OAS OAS	06 04 08 22.6 0EPTH 00009 00010 00039 00042 00045 00051 00075 0008 00100 00105 00124 00154 00155 00124 00155 00125 00125 00125 00125 00125 00154 00155	TEMP  00.54 00.54 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.96 01.93 01.43 01.91	SAL  33.535 33.54 33.54 33.54 33.54 33.88 33.59 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.88 33.81 33.80 33.81 33.80 33.81 34.81 34.81	ULB 01.7 IETR 1010.5 17/4  SIGNA-T  26.92 26.92 26.92 26.97 27.210 27.15 * 27.17 0 27.18 27.17 27.11 27.12 27.11 27.12 27.12 27.12 27.12 27.12 27.12 27.12 27.12 27.12 27.12 27.12 27.12 27.13 27.22 27.29 27.31	SEA CL/TR	SNO VEL 1449.9 1449.9 1449.0 1450.0 1450.0 1450.1 1455.1 1455.1 1455.1 1455.6 1456.8 1458.5 1458.5 1458.5 1458.5 1458.5 1458.5	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT-OAY OAY HOUR  LVLIYP  OBS STO OBS STO OBS OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	TEMP  00.54 00.55 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.96 01.93 01.73 01.43 01.01 00.74 02.53 03.19 03.26 03.49	SAL  33.535 33.54 33.54 33.54 33.55 33.57 33.59 33.88 9 33.88 33.81 33.86 33.81 33.86 33.81 33.86 33.81 33.86 33.81 34.85 33.81 34.85 34.85	SIGNA-T  26.92 26.92 26.92 26.93 26.97 27.210 27.240 27.15 • 27.10 27.08 27.07 27.11 27.12 27.12 27.13 27.22 27.13 27.22 27.13 27.22 27.13 27.29 27.31 27.37 27.44	SEA CL/TR	SNO VEL 1449-9 1449-9 1449-9 1450-0 1450-0 1450-1 1456-9 1455-1 1455-1 1455-3 1455-1 1456-8 1458-6 1458-5 1458-5 1458-6 1458-5 1458-6 1458-7 1466-7	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT: OAY HOUR  OBS STO OBS OBS OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	TEMP  00.54 00.55 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.93 01.73 01.93 01.93 01.93 03.74 02.53 03.19 03.75 03.81	SAL  33.535 33.54 33.54 33.55 33.57 33.594 33.88 33.59 33.89 33.89 33.89 33.80 33.81 33.80 33.81 33.80 33.81 33.81 33.81 33.81 33.81 33.81 33.81 33.81 33.81	SIGNA-T  26.92 26.92 26.92 26.93 26.95 26.97 27.210 27.240 27.15 • 27.10 27.08 27.07 27.11 27.12 27.10 27.08 27.07 27.11 27.12 27.12 27.13 27.29 27.31 27.44 27.45	SEA CL/TR	SNO VEL 1449-9 1449-9 1449-0 1450-0 1450-0 1450-0 1450-1 1455-1 1455-1 1455-3 1455-8 1455-8 1457-2 1458-6 1456-3 1456-3 1456-0 1466-9 1466-9 1468-1	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MION T. OAY HOUR HOUR HOUR HOUR HOUR HOUR HOUR HOUR	06 PTH 00009 00010 00012 00020 00039 00042 00045 0005 00010 00010 00104 0015 00124 0015 00124 0015 00125 00124 0015 00197 0015 00197 0016 0016 0016 0016 0016 0016 0016 001	TEMP  00.54 00.54 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.50 01.57 01.66 01.71 01.96 01.93 01.41 01.93 01.73	SAL  33.535 33.54 33.54 33.54 33.54 33.89 33.95 33.95 33.96 33.81 33.86 33.81 33.86 33.81 33.86 33.81 33.86 33.81 34.68 34.68 34.68 34.68	ULB 01.7 IETR 1010.5 17/4  SIGNA-T  26.92 26.92 26.92 26.97 27.210 27.24Q 27.15 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.13 * 27.12 * 27.12 * 27.12 * 27.13 * 27.14 * 27.15 * 27.16 * 27.17 * 27.18 * 27.19 * 27.19 * 27.10 * 27.10 * 27.11 * 27.12 * 27.12 * 27.13 * 27.44 * 27.45 * 27.46 * 27.47 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.47 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.47 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.46 * 27.47 * 27.47 * 27.46 * 27.47 * 27.47 * 27.47 * 27.47 * 27.48 * 27.4	SEA CL/IR	SNO VEL 1449.9 1449.9 1449.0 1450.0 1450.0 1450.0 1450.1 1455.1 1455.1 1455.1 1455.6 1456.8 1457.2 1458.5 1458.5 1458.5 1458.5 1458.6 1458.7 1468.7	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIG	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT. OAY HOUR  OBS STO OBS STO OBS OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6 0 6	TEMP  00.54 00.54 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.96 01.93 01.73 01.43 01.01 00.74 02.53 03.19 03.26 03.49 03.75 03.81 03.91 03.91	SAL  33.535 33.54 33.54 33.54 33.55 33.57 33.59 33.88 9 33.88 33.81 33.81 33.86 33.81 33.86 33.81 33.86 33.81 34.67 34.65 34.55 34.55 34.55 34.55 34.55 34.55	SIGNA-T  26.92 26.92 26.92 26.93 26.97 27.210 27.240 27.15 * 27.10 27.08 27.12 27.11 27.12 27.12 27.13 27.22 27.13 27.22 27.14 27.46 27.46 27.46 27.46 27.46	SEA CL/IR	SNO VEL 1449.9 1449.9 1449.9 1450.0 1450.0 1450.1 1456.9 1455.1 1455.3 1455.1 1455.4 1456.8 1456.3 1456.3 1456.3 1465.7 1466.9 1466.7	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIG	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT: OAY  MOUR  HOUR  OBS  STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	06 PTH 00009 00010 00012 00020 00039 00045 00045 00065 00100	TEMP  00.54 00.55 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.93 01.71 01.93 01.73 01.01 00.74 02.53 03.19 03.26 03.75 03.89 03.75 03.89 03.79 03.79	SAL  33.535 33.54 33.54 33.55 33.57 33.59 33.88 9 33.89 33.81 34.81 34.8	SIGNA-T  26.92 26.92 26.92 26.93 26.95 26.97 27.210 27.240 27.15 • 27.10 27.08 27.07 27.11 27.12 27.10 27.08 27.12 27.13 27.27 27.14 27.15 27.16 27.08 27.17 27.17 27.18 27.19 27.19 27.19 27.10 27.08 27.17 27.18 27.19 27.19 27.19 27.10 27.08 27.17 27.18 27.19	SEA CL/IR	SNO VEL 1449-9 1449-9 1449-0 1450-0 1450-0 1450-1 1455-1 1455-1 1455-3 1455-1 1455-3 1455-1 1456-8 1457-6 1458-5 1457-6 1458-7 1468-7 1468-7 1468-7 1468-7 1468-7 1469-1 1469-1 1470-6 1470-6	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIG	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT: OAY HOUR  LVLTYP  OBS STO OBS OBS OBS STO OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	0 6 0 6 0 7 0 6 0 0 1 2 6	TEMP  00.54 00.55 00.55 00.52 00.49 00.45 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.93 01.71 01.93 01.73 01.43 01.01 00.74 02.53 03.19 03.26 03.49 03.75 03.81 03.91 04.17 04.18	SAL  33.535 33.54 33.55 33.57 33.594 33.88 P 33.86 33.81 33.80 33.81 33.80 33.81 33.81 33.81 33.81 33.81 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65 34.65	SIGNA-T  26.92 26.92 26.92 26.92 26.95 26.97 27.210 27.240 27.15 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.12 * 27.14 * 27.45 * 27.	SEA CL/IR	SNO VEL 1449.9 1449.9 1449.0 1450.0 1450.0 1450.0 1450.1 1455.1 1455.3 1455.3 1455.3 1455.3 1455.8 1457.6 1457.6 1458.5 1457.6 1458.5 1458.5 1458.5 1458.6 1466.9 1466.9 1466.9 1468.7 1468.1 1469.1 1469.1 1469.1 1469.1 1469.1 1469.1 1473.3 1473.3	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIG	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MION T. OAY HOUR NOT THE PORT OAS STO OAS OAS STO OAS OAS OAS OAS OAS OAS OAS OAS OAS OA	0 6 0 6 0 7 1 0 1 7 0 1	TEMP  00.54 00.54 00.55 00.52 00.49 00.45 00.20 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.96 01.73 01.43 01.01 00.74 02.53 03.19 03.26 03.49 03.75 03.89 03.75 03.89 03.75 03.91 03.91 04.17 04.19 04.78 04.78	SAL  33.535 33.54 33.54 33.55 33.57 33.594 33.88 P 33.88 33.81 33.81 33.81 33.81 33.81 33.86 33.81 33.86 33.81 33.86 33.86 33.81 34.66 34.65 34.65 34.65 34.65 34.65 34.66 34.71 34.66 34.71 34.66 34.71 34.66	SIGNA-T  26.92 26.92 26.92 26.93 26.97 27.210 27.240 27.15 * 27.10 27.08 27.12 27.11 27.12 27.12 27.12 27.12 27.12 27.12 27.14 27.42 27.44 27.45 27.45 27.46 27.47 27.48 27.49 27.48 27.53	SEA CL/IR	SNO VEL 1449.9 1449.9 1449.9 1450.0 1450.0 1450.1 1456.9 1455.1 1455.3 1455.1 1455.4 1456.8 1456.3 1456.3 1465.7 1466.9 1468.7 1468.7 1468.7 1468.7 1468.7 1468.7 1470.6 1473.3 1472.9 1473.3	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIG	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT: OAY  MOUR  OBS  STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	0 6 PTH 00009 00010 00012 00025 00013 0015 0015 0015 0015 0015 0015 00	TEMP  00.54 00.55 00.55 00.52 00.49 00.45 00.20 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.96 01.71 01.96 01.71 01.96 01.71 01.96 01.71 01.96 01.71 01.96 01.71 01.96 01.71 01.96 01.71	SAL  33.535 33.54 33.54 33.55 33.57 33.59 33.88 9 33.81 33.81 33.81 33.81 33.81 33.81 33.81 33.81 33.81 33.81 33.81 34.65 33.85 33.81 34.65 33.86 33.81 34.65 33.86 33.81 34.67 34.66 34.55 34.55 34.55 34.55 34.55 34.55 34.57 34.6681 34.77 34.6681 34.77 34.681 34.77 34.680	ULB 01.7 IETR 1010.5  17/4  SIGNA-T  26.92 26.92 26.92 26.95 26.97 27.210 27.240 27.15 • 27.10 27.08 27.12 27.10 27.08 27.12 27.12 27.12 27.13 27.22 27.13 27.27 27.44 27.45 27.45 27.45 27.46 27.45 27.46 27.46 27.46 27.49 27.49 27.49 27.49 27.49 27.49 27.49 27.49 27.49 27.49 27.49 27.49 27.53 27.56	SEA CL/IR	SNO VEL 1449.9 1449.9 1449.0 1450.0 1450.0 1450.1 1455.1 1455.3 1455.1 1455.3 1455.1 1456.8 1457.6 1456.3 1456.3 1466.9 1468.7 1469.1 1469.2 1468.7 1469.1 1469.2 1473.3 1472.9 1473.1 1474.1	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66
CONSEC 0010 LAT 47 05 N LONG 046 04 W	MONT: OAY HOUR OBS STO OBS OBS OBS STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	04 08 22.6 0EPTH 00009 00010 00012 00020 00045 00051 00051 00015 00124 00125 00124 00171 00162 0015 0015 00124 00171 00162 0015 00124 00171 00162 0015 00124 00171 00162 0015 00124 00171 00162 0015 00124 00171 00162 0015 00128 00131 0015 00128 00131 0015 00128 00131 0015 0015 0015 0015 0015 0015 001	SHIP EV OATA USE 1 AREA 05  TEMP  00.54 00.55 00.52 00.49 00.45 00.70 00.93 01.41 01.46 01.55 01.57 01.66 01.71 01.93 01.71 01.93 01.73 01.74 01.93 01.74 02.53 03.19 03.75 03.81 03.75 03.81 03.91 04.17 04.19 04.78 04.79	SAL  33.535 33.54 33.55 33.57 33.594 33.86 33.87 33.88 33.836 33.836 33.836 33.836 33.836 33.836 33.836 33.836 33.836 33.836 33.85 33.87 33.86 33.87 33.86 33.87 34.67 34.77 34.67 34.77 34.68	ULB 01.7 IETR 1010.5  T/A  SIGNA-T  26.92 26.92 26.92 26.93 26.95 26.97 27.210 27.15 * 27.10 27.08 27.17 27.11 27.10 27.08 27.11 27.12 27.10 27.08 27.12 27.11 27.12 27.13 27.29 27.31 27.44 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.45 27.46 27.53 27.53 27.53	SEA CL/IR	SNO VEL 1449.9 1449.9 1449.0 1450.0 1450.0 1450.0 1450.1 1455.1 1455.3 1455.3 1455.2 1455.3 1455.3 1455.3 1455.3 1455.1 1455.3 1455.1 1455.1 1455.1 1456.1 1456.1 1456.1 1456.0 1468.7 1473.3 1474.1 1474.1	MIND-EOR MEND-EOR	X2	TRACE DURAT ORIG	DIR LON HIP HIC	00 • I	5 2 1	SOUARE SOUARE SQUARE	66

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 Juno 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIG 31 3296 COMSEC GOLD LAT 47 02 N	1 201 YAO W	1972 04 04	3010P 00272 SHIP EV JATA USE 1 APEA 05			21 5EA	GT PER	#140-01R #140-5P0 #140-F3R	12	T Q AC	STO RE E OLR TION	00.1	5	N SQ 1306 SQUARE 4 SQUARE 64	
1045 045 50	HUUR	70	APEA 05	CLITO	) [/4	CL/TR		#EATHER	* >	UKIG	119 11	7	1	SQUARE 75	
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	0 YN0 P T H	SNO VEL	3×+G	P34	101 P	ND?	ND3	\$133	рн	
00.0	510 185	00000	02.97	33.93	27.06	00.000	1461 • 0								
00.0	STD	00013	02.97 02.9R	33.929 33.96	27.06 27.08	00.010	1461 • L 1461 • 3								
	CT2	00020	03.02	33.99	27.10	00.720	1461.7								
	ORS STO	00021	93-03 93-11	33.991 34.00	27.10 27.10	00.030	1461.7								
	ายร	00033	73.14	34-009	27.10		1462.4								
	STD DRS	00050	03.23 03.23	34.02 34.024	27.11 27.11	00.049	1463.1 1463.1								
	STO	00075	02.70	34.00	27-14	00.073	1461.2								
	085 085	00077	02.66	33.996	27.14		1461 -1								
	STD	00100	02.52 02.53	34.018 34.04	27-17 27-18	00.096	1460.8								
	ORS	00100	02.54	34.048	27.19		1461.0								
	08S 08S	00118	02.84 03.51	34.445 34.405	27.40 27.38		1463.0								
	510	00125	03.76	34.45	27.39	00.115	1467.2								
	OBS OBS	00126 00136	03.89 04.36	34.471 34.509	27.40 27.38		1467.8								
	510	00150	04.63	34.57	27.40	00.134	1471.4								
	08S 18S	001 52 001 75	04.65 04.30	34.579 34.644	27.40 27.49		1471.5								
	510	00200	04.58	34.15	27.54	00.166	1472.2								
	285	00200	04.59	34,749	27.54		1472.3								
	ΩRS STO	00227 00250	04.75 04.55	34.RO4 34.92	27.57 27.61	00.193	1473.5								
	085	00253	04.54	34.824	27.61		1473 -0								
	085	00256	04.53	34.825	27.61		1473-1								
					• • • • •	•••••	•								
REF10 31 8296 CONSEC 0012		1972	3010P 00291 SHIP EV	AIR :		01R H	GT PER	WINO-DIR WIND-500			STO RE	COROER C		N SQ 1306 SQUARE 4	
LAT 47 21 N	DAY	09	DAYA USE 1		METR 1010.5	SEA CL/TR		WIND-FOR WEATHER	٧c	OIPA	TION 11P 11	07.1		SOUARE 64 SOUARE 75	
LONG 045 46 H	HUIJE	02.5	APEA 95		) T/A	CL/IN				0110	14. 11			303-12 /3	
				•••											
CASTNUM/TIME	[VLTYo	пертн	TEMP	SAL	S   344-T	OYNDPTH	SNO VEL	ЭхүG	<b>4ر م</b>	TOT P	NO2	403	\$133	PH	
	\$10	ПЕР <sup>Т</sup> Н 00000	- 0.60	SAL 33.52	26.96	07MDPTH	SNO VEL			TOT P	NO2	<b>403</b>	\$133	PH	
CASTNUM/TIME	\$10 085	ПЕР <sup>Т</sup> Н 00000 00004	- 0.60 - 0.60	SAL 33.52 33.525	26 <b>.96</b> 26 <b>.96</b>		SNO VEL			TOT P	NO2	¥03	\$123	P-I	
	\$10 085 085 \$10	DEPTH 00000 00004 00009 00010	- 0.60 - 0.60 - 0.62 - 0.62	SAL 33.52 33.525 33.548 33.55	26,96 26,96 26,98 26,98	00.000	SNO VEL 1444.5 1444.6 1444.6			TOT P	NO2	<b>403</b>	\$133	P⊣	
	\$10 085 085 510 510	DEPTH 00000 00004 00009 00010 00020	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57	SAL 33.52 33.525 33.548 33.55 33.56	26.96 26.96 26.98 26.98 26.99	00.000	SNO VEL 1444.5 1444.6 1444.6 1444.6			TOT P	NO2	VO3	\$133	P-I	
	\$10 085 085 \$10 \$10 085 \$10	DEPTH 00700 00004 00009 00010 00020 90023 00030	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45	SAL 33,52 33,525 33,548 33,55 33,56 33,56 33,61	26.96 26.96 26.98 25.98 26.99 25.99 27.03	00.000	SNO VEL 1444.5 1444.6 1444.6 1445.0 1445.1 1445.8			TOT P	, NOS	<b>V</b> 03	\$133	P-I	
	\$10 085 085 \$10 \$10 085 \$10 085	DEPTH 00000 00004 00009 00010 00020 00020 00030 00030	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45	SAL 33.52 33.525 33.548 33.55 33.56 33.56 33.615	26.96 26.96 26.98 25.98 26.99 25.99 27.03 27.03	00.000 00.011 00.022	SNO VEL 1444.5 1444.6 1444.6 1445.6 1445.1 1445.8 1445.9			TOT P	NO2	งกร	\$133	P-I	
	\$70 085 085 \$70 \$70 085 \$10 085 085	00000 00004 00009 00010 00020 00020 00020 00031 00031	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.42 00.10 00.31	SAL 33.52 33.525 33.55 33.55 33.56 33.60 33.61 33.615 33.689 33.744	26.96 26.96 26.98 25.98 26.99 25.99 27.03 27.03 27.07 27.10	00.032	SNO VEL 1444.6 1444.6 1444.6 1445.0 1445.1 1445.8 1445.8 1445.9			ן זמן	NO2	<b>VO3</b>	\$133	PH	
	\$10 085 085 510 510 085 510 085 085 085	DEPTH 00000 00004 00009 00010 00020 00020 00030 00031 00043 00043	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.42 - 00.10 - 00.31	SAL 33.52 33.525 33.548 33.55 33.56 33.61 33.615 33.615 33.615 33.744	26.96 26.96 26.98 25.98 26.99 27.03 27.03 27.07 27.10	00.000 00.011 00.022	SNO VEL 1444.5 1444.6 1444.6 1445.0 1445.1 1445.8 1445.9 1449.8 1447.8			IOT P	NO2	<b>VO3</b>	\$133	P-1	
	\$10 085 510 510 085 510 085 085 085 085	00000 00000 00000 00010 00020 00031 00031 00049 90050 00059	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.31	SAL 33.52 33.525 33.548 33.55 33.56 33.61 33.615 33.689 33.744 33.744 33.769 33.769	26.96 26.98 26.98 26.99 25.99 27.03 27.03 27.07 27.10 27.10 27.10	00.000 00.011 00.022 00.032	5NO VF1  1444-6  1444-6  1445-0  1445-8  1445-9  1448-6  1449-8  1451-5			IOT P	NO2	VO3	\$133	P-1	
	\$10 085 085 \$10 085 \$10 085 085 085 085 \$10 085	00000 00004 00009 00010 00020 00020 00031 00049 90055 00059 00059	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.31 00.65 00.98 01.58	SAL  33.52 33.525 33.548 33.56 33.56 33.615 33.615 33.644 33.74 33.769 33.93	26.96 26.96 26.98 26.98 26.99 26.99 27.03 27.07 27.10 27.10 27.10 27.15	00.032	SNO VEL  1444.6 1444.6 1444.6 1445.0 1445.1 1445.8 1445.9 1449.8 1451.5 1451.5			IOT P	NO2	<b>NO3</b>	\$133	P-I	
	\$10 085 510 510 085 510 085 085 085 085	DEPTH 00000 00004 00009 00010 00020 00020 00031 00049 00055 00055 00075 00078	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.31	SAL 33.52 33.525 33.548 33.55 33.56 33.61 33.615 33.689 33.744 33.74 33.769 33.769	26.96 26.98 25.98 26.99 26.99 27.03 27.07 27.10 27.10 27.10 27.15 27.17 27.17 27.17	00.000 00.011 00.022 00.032	5NO VEL  1444-6  1444-6  1445-0  1445-1  1445-8  1447-8  1451-5  1456-2  1456-3			IOI P	NO2	<b>VO3</b>	\$133	P1	
	\$10 085 085 \$10 085 \$10 085 085 085 085 085	DEPTH 00000 00004 00001 00020 00020 00021 00049 00055 00059 00050 00078 00091	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.45 - 0.45 - 0.45 - 0.45 00.31 00.31 00.65 00.98 01.58 01.59 01.23	SAL 33,52 33,525 33,554 33,555 33,56 33,61 33,61 33,744 33,749 33,769 33,769 33,769 33,789 33,930 33,93 3	26.96 26.98 26.98 26.98 26.99 27.03 27.03 27.07 27.10 27.10 27.15 27.17 27.17 27.17 27.17	00.000 00.011 00.022 00.032 00.052	SNO VEL 1444.5 1444.6 1444.6 1444.0 1445.0 1445.1 1445.8 1447.8 1447.8 1447.5 1450.3 1450.3			IOI P	NO2	<b>VO3</b>	\$133	P1	
	\$10 085 085 \$10 085 \$10 085 085 085 \$10 085 \$10 085 \$10	DEPTH 00000 00004 00009 00010 00020 00020 00031 00049 00055 00059 00075 00076	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.45 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.31 00.31 00.31 00.31 00.31 00.31 00.31 00.31 00.31 00.31 00.31	SAL 33,52 33,525 33,546 33,55 33,56 33,61 33,61 33,61 33,74 33,74 33,74 33,74 33,85 33,85 33,88 34,88 34,88 34,88 35,88 36	26.96 26.98 25.98 26.99 26.99 27.03 27.07 27.10 27.10 27.10 27.15 27.17 27.17 27.17	00.000 00.011 00.022 00.032	5NO VEL  1444-6  1444-6  1445-0  1445-1  1445-8  1447-8  1451-5  1456-2  1456-3			IOT P	NO2	<b>VO3</b>	\$133	P-I	
	\$10 085 085 \$10 8510 085 085 085 085 085 085 085 085 085 08	00100 00000 00000 00000 00010 00020 00012 00030 00031 00049 00055 00055 00056 00056 00076 00066 00100 00100 00100	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.45 - 0.45 - 0.45 - 0.45 - 0.10 - 0.31 - 0.31	SAL 33,52 33,525 33,564 33,56 33,61 33,61 33,61 33,61 33,74 33,74 33,76 33,78 33,88 33,88 33,88 33,88 33,78 34,78 36	26.96 26.96 26.98 26.99 26.99 27.03 27.03 27.10 27.10 27.15 27.17 27.17 27.17 27.17 27.17 27.16 27.10 •	00.000 00.011 00.022 00.032 00.052 00.076	5NO VEL 1444-5 1444-6 1444-6 1445-1 1445-1 1445-8 1447-8 1451-5 1456-2 1456-1 1452-8 1452-8 1452-8			IOT P	NO2	<b>งก</b> ร	\$133	P-I	
	STD DBS STD DBS DBS DBS DBS DBS DBS DBS DBS DBS DB	00000 00000 00004 00009 00010 00020 00020 00030 100040 00049 00055 00059 00075 00075 00076 00076 00076 00076 00076 00076	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.42 00.10 00.31 00.65 00.98 01.58 01.58 01.59 01.23 01.23 00.77 00.73 00.45	\$AL 33,52 33,525 33,558 33,556 33,61 33,61 33,61 33,744 33,769 33,769 33,93 33,93 33,93 33,887 34,887 34,88	26.96 26.98 26.98 26.99 26.99 27.03 27.07 27.10 27.10 27.15 27.17 27.17 27.16 27.10 • 27.10 • 27.10 • 27.20 9 27.27	00.000 00.011 00.022 00.032 00.052	5NO VEL 1444.5 1444.6 1444.6 1444.0 1445.0 1445.8 1445.9 1449.8 1445.5 1449.8 1451.5 1453.1 1456.3 1458.8 1458.8			TOT P	NO2	<b>ง</b> กร	\$133	P-I	
	STD DBS STD STD DBS DBS DBS DBS DBS DBS DBS DBS DBS DB	00000 00000 00004 00009 00010 00020 00020 00020 00030 00030 00050 00055 00055 00056 000766 00076	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.31 - 00.31 - 00.31 - 00.65 - 00.73 - 00.73 - 00.77 - 00.73 - 00.77 - 00.73 - 00.75 - 0	SAL  33, 52 33, 525 33, 568 33, 558 33, 561 33, 613 33, 613 33, 613 33, 643 33, 744 33, 769 33, 93 33, 887 33, 93 33, 887 33, 93 33, 887 33, 93 33, 887 33, 93 33, 881 34, 05 34, 07 34, 183	26.96 26.98 26.98 26.99 26.99 27.03 27.07 27.10 27.10 27.15 27.17 27.16 27.16 27.10 27.15 27.17 27.16 27.16 27.17 27.16 27.13	00.000 00.011 00.022 00.032 00.052 00.076	5NO VEL 1444-5 1444-6 1444-6 1444-6 1445-1 1445-1 1445-8 1449-8 1451-5 1456-2 1456-2 1456-8 1457-8 1457-6 1452-1 1452-1			TOT P	NO2	<b>VO 3</b>	\$133	P-I	
	STD DBS STD DBS DBS STD DBS DBS OBS OBS OBS OBS OBS OBS OBS OBS OBS O	DEPTH 00000 00000 00000 00000 00000 00000 0000	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.31 00.65 00.98 01.58 01.58 01.59 01.23 01.77 00.73 00.20 00.45 00.52 01.27	\$AL  33,52 33,525 33,548 33,556 33,61 33,613 33,580 33,689 33,744 33,749 33,769 33,887 34,053	26.96 26.98 26.98 26.98 26.99 27.03 27.07 27.10 27.10 27.15 27.17 27.17 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.17 27.17 27.16 27.17	00.000 00.011 00.022 00.032 00.052 00.076	SNO VEL 1444.5 1444.6 1444.6 1445.0 1445.1 1445.8 1445.9 1448.8 1447.8 1452.6 1452.6 1450.4 1452.8			TOT P	NO2	VO 3	\$103	P-I	
	STD DBS STD DBS STD DBS STD DBS DBS DBS DBS DBS DBS DBS DBS DBS DB	00000 00000 00000 00001 00002 00020 00020 00020 00030 00030 00040 00040 00040 00075 00057 00076 00076 00103 00103 00103 00107 00103 00103 00104 00104 00104 00104 00104 00104 00105	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.42 - 00.10 - 00.31 - 00.31 - 00.65 - 00.98 - 01.58 - 01.58 - 01.59 - 01.23 - 01.24 - 01.25 - 01.25	SAL  33, 52 33, 546 33, 556 33, 566 33, 561 33, 563 33, 615 33, 647 33, 769 33, 744 33, 769 33, 93 34, 95 3	26.96 26.98 26.98 26.99 26.99 27.03 27.07 27.10 27.10 27.15 27.17 27.17 27.16 27.10 27.16 27.17 27.16 27.10 27.16 27.17 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.17 27.17 27.17 27.16 27.17	00.000 00.011 00.022 00.032 00.052 00.076	5NO VEL  1444.5 1444.6 1444.6 1445.0 1445.1 1445.8 1445.9 1447.8 1451.5 1450.1 1450.1 1450.1 1450.1 1450.1 1450.4 1452.6 1452.6 1452.6 1452.6			TOT P	NO2	NO 3	\$133	P1	
	STO DBS ORS STO STO OBS DBS OBS DBS OBS OBS OBS STO OBS OBS STO OBS OBS STO OBS OBS STO OBS OBS STO	00100 00000 00000 00001 00000 0001 00020 00021 00041 00049 00055 00059 00059 00059 00059 00059 000107 00100 00100 00100 00100 00100	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.65 00.98 01.58 01.59 01.23 01.20 00.77 00.73 00.20 00.52 01.27 01.27 01.67	SAL  33, 52 33, 525 33, 560 33, 561 33, 560 33, 615 33, 689 33, 74 33, 74 33, 74 33, 759 33, 93 34, 97 34, 27 34, 27 34, 27 34, 27 34, 27 34, 27 34, 37 34,	26.96 26.98 26.98 26.99 27.03 27.03 27.07 27.10 27.10 27.17 27.17 27.17 27.17 27.16 27.16 27.10 27.10 27.10 27.10 27.10 27.10 27.14 27.16 27.16 27.10 27.16 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.17 27.16	00.000 00.011 00.022 00.032 00.052 00.076	5NO VEL  1444-5 1444-6 1444-6 1445-1 1445-1 1445-8 1447-8 1451-5 1456-2 1456-1 1457-8 1457-8 1458-1 1456-1 1458-1 1458-1 1458-1 1458-1 1458-1 1458-1			TOT P	NO2	NO 3	\$133	P-1	
	STD DBS OBS TBS STD DBS TBS OBS OBS OBS OBS OBS OBS OBS OBS OBS O	DEPTH  00000 00004 00009 00010 00020 00020 00030 00031 00049 00055 00057 00057 00078 00078 000100 00100 00100 00100 00100 00100	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.31 00.65 00.98 01.58 01.59 01.59 01.77 00.73 00.20 00.73 00.20 00.52 01.27 01.67 01.67 02.03 04.42 04.36	\$AL  33,52 33,525 33,545 33,56 33,61 33,61 33,68 33,74 33,76 33,76 33,887 33,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,9	26.96 26.98 26.98 26.98 26.99 27.03 27.07 27.10 27.10 27.17 27.17 27.17 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.17 27.16 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17	00.000 00.011 00.022 00.032 00.052 00.076 00.100 00.121	SNO VEL  1444.5 1444.6 1444.6 1445.0 1445.1 1445.8 1445.9 1447.8 1451.5 1452.1 1452.8 1452.8 1452.8 1453.8 1454.8			TOT P	NO2	NO 3	\$133	P-I	
	STO DBS STO STO DBS DBS DBS DBS DBS DBS DBS DBS DBS DBS	00100 00000 00000 00000 00001 00020 00020 00030 00030 00030 00050	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.010 00.31 00.65 00.98 01.58 01.59 01.23 01.23 01.23 01.20 00.77 00.73 00.65 00.98 01.59 01.67	SAL  33,52 33,525 33,568 33,56 33,61 33,61 33,61 33,74 33,769 33,930 33,887 33,930 33,887 33,930 33,887 33,930 33,41 33,77 33,788 34,27 34,183 34,27 34,271 34,639 34,639 34,663	26.96 26.98 26.98 26.99 26.99 27.03 27.07 27.10 27.10 27.15 27.17 27.16 27.16 27.10 27.17 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.16 27.17 27.18 27.14 27.15 27.15 27.15 27.15 27.16	00.000 00.011 00.022 00.032 00.052 00.076	5NO VEL  1444-5 1444-6 1444-6 1444-6 1445-1 1445-8 1449-8 1451-5 1449-8 1451-5 1458-8 1457-8 1458-1 1456-2 1458-8			TOT P	NO2	<b>ง</b> กร	\$103	P-I	
	STD DBS OBS TBS STD DBS TBS OBS OBS OBS OBS OBS OBS OBS OBS OBS O	DEPTH  00000 00004 00009 00010 00020 00020 00030 00031 00049 00055 00057 00057 00078 00078 000100 00100 00100 00100 00100 00100	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.31 00.65 00.98 01.58 01.59 01.59 01.77 00.73 00.20 00.73 00.20 00.52 01.27 01.67 01.67 02.03 04.42 04.36	\$AL  33,52 33,525 33,545 33,56 33,61 33,61 33,68 33,74 33,76 33,76 33,887 33,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,93 34,9	26.96 26.98 26.98 26.98 26.99 27.03 27.07 27.10 27.10 27.17 27.17 27.17 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.17 27.16 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17	00.000 00.011 00.022 00.032 00.052 00.076 00.100 00.121 00.139	5NO VEL  1444-5 1444-6 1444-6 1444-6 1445-1 1445-8 1448-6 1448-8 1451-5 1458-1 1456-2 1458-8 1457-6 1458-8			TOT P	NO2	<b>V</b> 03	\$103	P-I	
	STO DBS DBS STO DBS DBS DBS DBS DBS DBS DBS DBS DBS DBS	DEPTH  00000 00004 00007 00010 00020 00010 00020 00030 00030 00030 00030 00030 00030 00030 00100	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.42 - 00.10 - 00.31 - 00.65 - 00.98 - 01.58 - 01.58 - 01.59 - 01.23 - 01.27 - 01.67 - 0	SAL  33, 52 33, 548 33, 558 33, 568 33, 561 33, 613 34, 613 34, 613 34, 613 34, 614 34, 754	26.96 26.98 26.98 26.99 26.99 27.03 27.07 27.10 27.10 27.15 27.17 27.16 27.17 27.16 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.16 27.17 27.16 27.17 27.16 27.17 27.16 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.16 27.17 27.17 27.17 27.17 27.18 27.19 27	00.000 00.011 00.022 00.032 00.052 00.076 00.100 00.121 00.139	5NO VEL  1444-5 1444-6 1444-6 1444-6 1445-1 1445-8 1448-6 1449-8 1451-5 1456-1 1456-1 1456-1 1456-1 1458-1 1456-1 1458-1			TOT P	NO2	NO 3	\$103	P-I	
	STD DBS DBS TBS TBS TBS TBS TBS TBS TBS TBS TBS T	00100 00000 00000 00001 00000 0001 00020 00021 00041 00049 90055 00059 00059 00075 00059 000107 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100 00100	- 0.60 - 0.62 - 0.62 - 0.62 - 0.57 - 0.45 - 0.45 - 0.45 - 0.10 00.31 00.65 00.98 01.58 01.59 01.59 01.77 00.73 00.73 00.73 00.20 00.52 01.27 01.67	SAL  33, 52 33, 525 33, 564 33, 558 33, 568 33, 615 33, 615 33, 689 33, 744 33, 74 33, 769 33, 93 33, 887 33, 789 33, 93 33, 887 33, 789 34, 213 34, 213 34, 213 34, 213 34, 211 34, 213 34, 211 34, 213 34, 211 34, 213 34, 211 34, 213	26.96 26.98 26.98 26.99 27.03 27.07 27.10 27.10 27.17 27.17 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.16 27.17 27.17 27.16 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.16 27.17 27.17 27.17 27.16 27.17 27	00.000 00.011 00.022 00.032 00.052 00.076 00.100 00.121 00.139	5NO VEL  1444-5 1444-6 1444-6 1444-6 1445-1 1445-8 1445-8 1445-8 1445-1 1456-2 1458-8 1452-5 1455-1 1456-1 1458-8 1452-1 1458-3			TOT P	NO2	NO 3	\$103	P-I	
	STO DBS DBS STO DBS DBS DBS DBS DBS DBS DBS DBS DBS DBS	DEPTH  00000 00004 00007 00010 00020 00010 00020 00030 00030 00030 00030 00030 00030 00030 00100	- 0.60 - 0.60 - 0.62 - 0.62 - 0.57 - 0.56 - 0.45 - 0.45 - 0.42 - 00.10 - 00.31 - 00.65 - 00.98 - 01.58 - 01.58 - 01.59 - 01.23 - 01.27 - 01.67 - 0	SAL  33, 52 33, 525 33, 568 33, 561 33, 615 33, 689 33, 74 33, 74 33, 74 33, 789 33, 93 33, 887 33, 73 33, 887 33, 73 34, 81 34, 77 34, 27 34, 183 34, 97 34, 27 34	26.96 26.98 26.98 26.99 26.99 27.03 27.07 27.10 27.10 27.17 27.16 27.17 27.16 27.16 27.16 27.16 27.16 27.17 27.16 27.17 27.16 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.17 27.18 27.19 27.22 27.35 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.43 27.45 27.51 27.58 27.58	00.000 00.011 00.022 00.032 00.052 00.076 00.100 00.121 00.139	5NO VEL  1444-5 1444-6 1444-6 1444-6 1445-1 1445-8 1445-8 1447-8 1451-1 1456-2 1458-1 1456-2 1458-8 1452-5 1455-1 1456-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1452-1 1458-8 1478-8			TOT P	NO2	NO 3	\$103	P-1	

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

REFID 31 8296 YFAR 1972 CONSEC 0013 MONTH 04 LAT 47 49 M DAY 03 LONG 045 50 M HOUR 06-4	BOTOP 006/7 SHIP EV DATA USE 1 AREA 05	AIR TEMP 03.0 WET BULB 00.0 BARGMETR 1009.9 CLOUD 7/4	DIR HG <sup>T</sup> PER - 37 - 2 - 5EM - CL/TR	#1ND-DIK 12 #1ND-SPD 11 #1ND-F1R #EATHE? XS	INST STO RECORDER THACE DIR O DURATION O7.4 ORIG 11P 110	
CASTNUM/TIME LVLTYP OFFTH	TEMP	SAL STGMA-T	DYNJPTH SNO VEL	3x4G = 234	TOT P 102 103	\$133 84
_570 00000	- 0,16					
06.4 <sup>OBS</sup> 00004 STD 00010	- 0.16 - 0.12					
510 00020	- 0.07					
⊓85 00021 STD 00030	- 0.07					
STD 00030 DBS 00030	- 0.06 - 0.06					
n85 0n037	00-01					
085 00045 085 00049	71.08 01.46					
STD 00050	01.49					
085 00053 STD 00075	01.70 02.16					
085 00075	02.18					
085 00085 085 00092	02-38 02.20					
085 00096	01.55					
STD 00100 085 00100	01.17 01.11					
085 00105	00.68					
085 00109	00.10					
OBS 00113 OBS 00117	00.09 00.17					
085 00122	00.45					
510 00125 085 00126	00.53 00-55					
QBS 00130	00.55					
DBS 00134 DBS 00138	00.92 01.19					
STD 00150	01.43					
085 00150 085 00153	01.44 01.57					
DBS 00157	01.92					
085 00160 085 00168	02.19 02.23					
085 00171	02.59					
()BS 00174 0BS 00177	02.76 02.78					
085 00181	02.88					
085 00185 085 00189	03.29 03.43					
OBS 00193	04-07					
085 00196 STD 00200	04.61 04-67					
085 00201	04.67					
08S 00209 08S 00212	04.53 04.63					
085 00216	04-87					
085 00225 085 00233	04.94 04.70					
085 00237	04.67					
085 00241 085 00244	04.79 04.83					
085 00249	04.17					
\$70 00250 085 00253	04.17 04.17					
085 00257 085 00261	03.97					
DBS 00267	03.92 04.13					
OBS 00278 OBS 00293	03.93					
085 00293 085 00298	04.10 04.10					
200 00300	04-02					
08S 00301 08S 00340	03.97 03.94					
STD 00400	04.0B					
085 00417 085 00428	04-10 04-11					
OBS 00454	04-12					
085 00478 STO 00500	04.10 04.08					
085 00501	04.08					
08\$ 00528 08\$ 005\$0	04.11 04.12					
DBS 00579	04-14					
00300 012 20300 280	04.14 04.14					
085 00630	04.09					
DRS 00649	04.14					

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF10 31 8296	YFAR		BOTOP 01137	AIR T		01 <sup>R</sup> H		MIND-DIR			STO REC			N 50 1306
CONSEC 0014 LAT 48 12 N	MUNTH DAY	09	SHIP EV	WET 3	ULA 00.6 FTR 100R.5	12 ( 5EA	) 2	WINO-590 WINO-F78	13		E DIR	00.4		SQUABE 4 SQUARE 84
LONG 045 55 W	HOUR		ARFA 05			CF\18		MEATHER	<b>x</b> >		119 110			SOJARE 85
		-												
CASTNUM/TIME	LVLTYP	ОЕртн	TEMP	5 AL	7-APE18	OYNOPTH	SNO VEL	DXYG	P ) 4	TOF P	. ND2	NO3	5133	₽ ◀
	SFO	00000	- 1.11	33.46	25.93	00.000	1442.0							
10.3	UBS	00000	- 1.11	33.462	26.93		1442.0							
	085	00004	- 1.09	33.480	26.95		1442 -2							
	STO	00010	- 1.09	33.49	26.95	00.011	1442 • 3							
	UB5 510	000 L4 000 20	- 1.08 - 1.01	33.502 33.53	25.96 26.98	00.022	1442.5							
	ORS	00024	- 0.88	33.585	27.02	00.1122	1443.7							
	510	00030	- 0-92	33+59	27.03	00.033	1443.6							
	085	00043	- 1.02	33-629	27.06		1443.4							
	085	00049	- 0.87	33.661	27.08		1444.2							
	STD	00050	- 0.87	33-67	21.09	00.053	1444.2							
	085 985	00060 00162	- 0.89 - 0.79	33.751 33.836	27.16		1444.4 1445.1							
	085	00073	- 0.09	34.054	27.22 27.37		1448.8							
	510	00075	00.09	34.07	27.37	00.074	1449.6							
	CBS	00076	00.31	34.096	27.38	00.077	1450.7							
	085	000#3	00.93	34.209	27.44		1453.8							
	510	00100	01.30	34.24	21.44	00.091	1455.8							
	085	00100	01.31	34.241	27.44		1455.8							
	280 510	00114	01 • 59 01 • 85	34.317	21.48 27.51	00.107	1457.4							
	085	00125	01.88	34.38 34.386	27.51	00.107	1458.8 1459.0							
	085	00136	02-35	34.544	27.60		1461.4							
	URS	00139	02.63	34.572	27.60		1462-7							
	085	00149	03.01	34-560	27.56 *		1464.5							
	510	00150	03.02	34-56	27.56	00.121	1464.6							
	085 085	00174	03.25 03.38	34.613 34.649	27.57 27.59		1466.0							
	STo	00200	03.37	34.65	27.59	00-148	1467 - 0							
	28g	00224	03.25	34.648	27.60		1466.9							
	510	00250	03.35	34.69	27.63	00-173	1467.8							
	785	00251	03-35	34.694	27.63		1467.8							
	118.5 38.5	00276 00299	03•47 03•78	34.738 34.793	21.65 21.67		1468.8							
	510	00300	03.78	34 • 79	27.67	00.197	14 70 .6							
	nes	00325	03.93	34.858	21.70		1471.7							
	085	00349	04.06	34.847	27.68		1472.7							
	085 510	00374	04.10 04.14	34.869 34.87	27-69	00 343	1473.3							
	JR5	00401	04.14	34.875	21.69 21.69	00.243	1473.9 1473.9							
	085	20431	04.14	34.882	27.70		1474-4							
	ORS	00453	04.13	34.884	27.70		1474.7							
	085	00476	04.11	34.887	27.71		1475 - 0							
	⊓вs \$то	00499 00503	04-11 04-11	34.890 34.89	27.71 27.71	00.288	1475.4							
	nes	00503	04.10	34.892	27.71	00.244	1475.8							
	DAS	00549	04.09	34-895	27.71		1476.2							
	D85	00577	04.0B	34.897	27.72		1476.6							
	SID	00600	04.08	34.90	27.72	00.332	1477.0							
	085	00602 00625	04.08 04.08	34.899 34.902	27•12 21 <b>•</b> 12		1477.0 1477.4							
	085	00650	04.07	34.903	27.72		1477.8							
	OBS	00676	04.07	34.906	27.73		1478 -2							
	510	00700	04.06	34.91	27.73	00.377	1478.6							
	ეგ5 ეგვ	00703	04.06	34.909	27.73 27.73		1478-6							
	1)85	00724 00752	04 • 06 04 • 05	34.911 34.913	27.73		1479.4							
	nes	00784	04.04	34.917	27.74		1479.9							
	510	00800	04.05	34-92	27.74	00.421	1480.2							
	08.5	00003	04.05	34.921	27.74		1480 - 2							
	085	00826	04.04	34.922	27.74		1480.6							
	985 510	00849	04.04 04.01	34.924 34.93	27•74 27•75	00.466	1481.0 1481.7							
	085	00910	04.00	34.927	21.75	501760	1481.8							
	285	00424	03.99	34.928	27.75		1482 - 0							
	OBS	00950	03.97	34.929	27.75		1482.4							
	URS 510	00010	03.94 03.92	34.930 34.93	27.76 27.76	00.510	1482.9							
	PBS	01000	03-92	34.931	21.77	00.510	1484.1							
	08.5	01091	03.85	34.932	27.77		1484 • 2							

Table XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296. Continued

REF10 31 8296 CONSEC 0015 LAT 48 32 N LONG 046 02 N	RABY THOM YAC RLOH	4 04 09	BOTOP 01360 SHIP EV OATA USE 1 ARE4 05	WET SARO	0.00 AJUE 1.0001 ATB		GT PER 2 2	AIND-OIR MINO-SPO MINO-FIR MEATHER		TRAC	STO RE E OIR TION TIP II	00+3	5 2	N SO 1306 SOJARE 4 SQUARE 86 SOJARE 86
CASTNUM/TIME	LVLTVP	DEPTH	TEMP	SAL	SISM4-T	OYNOPTH	SNO VEL	J X Y G	P 14	TOT P	NO2	NO3	5133	PH
	STO	00000	00.17	33.83	27.17	00.000	1449.4							
13.0	085	00004	00.17	33.829	27.17		1448.5							
	510	00010	00.13	33.84	27.18	00.009	1448.4							
	STO	00020	00.08	33.85	27-20	00.018	1448.4							
	085	00723	00.06	33.859	21-20		1448.4							
	STO 085	00030	00.05 00.03	31.87 33.897	27.21	00.027	1448.5							
	085	00046	00.05	33.957	27.28		1448.8							
	085	00048	00.17	33.982	27.30		1449.5							
	510	00050	00.20	33.99	27.30	00.043	1449.6							
	085	00067	00-58	34.150	27.41		1451.9							
	085	00073	00.94	34.247	21.47		1453 - 7							
	STO	00075	00.98	34.26	27.47	00.061	1453.9							
	085	0009R	01-42	34.358	21.52		1456.4							
	STO 085	00100	01.43 01.71	34.36 34.439	27.53 27.57	00.076	1456.5 1458.3							
	012	00125	01.73	34.44	27.57	00.089	1458.4							
	085	00143	02.08	34.495	27.5R	00.00	1467.3							
	nas.	00149	02.24	34.576	21-63		1461.2							
	510	00150	02.31	34.59	27.64	00.102	1461.5							
	08 S	00151	02.49	34.612	27.64		1462.3							
	OBS	00182	03.09	34.669	27.63		1465.6							
	085 510	00198	03.14	34.674	27.63	00.137	1466.0							
	085	00200 00225	03.33	34.68 34.705	27.63 27.64	00.126	1466.1							
	085	00234	03.67	34.740	27.63		1469.0							
	085	00239	03.48	34.719	27.64		1468.2							
	STO	00250	03.31	34 - 73	21.66	00.149	1467.7							
	OBS	00250	03.31	34 - 728	27.66		1467.7							
	085	00274	03.86	34.837	27.69		1470.6							
	085	00298	04.15 04.15	34.872 34.87	21.69	00 133	1472.2							
	510 085	00390	04.15	34.880	21.69 21.10	00.172	1472.7							
	085	00349	04.14	34.883	27.70		1473.0							
	085	00376	04.14	34.689	27.70		1473.5							
	510	00400	04.13	34.89	27.71	00.216	1473.9							
	.085	00400	04.13	34.892	27.71		1473-9							
	085	00423	04-12	34.895	27.71		1474.2							
	085 085	00450 00475	04.12 04.11	34.898 34.901	27•71 27•72		1474-6							
	\$10	00500	04.11	34.90	27.72	00.260	1475.4							
	085	00524	04.10	34.901	27.72	00.500	1475.8							
	STO	00600	04.08	34.90	27.72	00.303	1477.0							
	785	00600	04+09	34.904	27.77		1477.0							
	085	00612	04 - 11	34.917	27.73		1477.3							
	\$10	00700	04-02	34.92	21.15	00.347	1478-4							
	085 STO	00.00	04-02 93-92	34.924 34.92	27.75 21.75	00.390	1478.4							
	310	00800	03.92	34.920	27.75	00.340	1479.7							
	510	00900	03.84	34.92	27.16	00.433	1481.0							
	085	00900	03.84	34.924	21.76		1481.0							
	STO	01000	03.75	34.94	27+78	00-475	1482.3							
	085	01000	03.75	34.937	27.78		1482-3							
	\$10	01100	03.69	34.94	27.79	00.516	1483.7							
	085	01100	03.69	34.939 34.94	21.19 21.19	00.558	1483.7							
	ST0 085	01200 01201	03.66 03.66	34.937	21.19	00.558	1485.3							
	08.5	01299	03.66	34.937	27.79		1486.9							
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIN 31 R296 CONSEC 0016 LAT 45 50 N LONG 046 00 H	MONT	1972 1 04 13 07.4	ADTOP 0169 SHIP EV OATA USE AREA 09	TET .			HGI PER 4 3	MIND-DIA MIND-SPO MIND-FOR MENTHER		JA RT A PL CI	STO RE E DIR TION TION	0).2	5	N 53 1306 SQUARE 4 SQUARE 56 SQUARE 56
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	5134A-F	UYNDPTH	SND VEL	DXCG	P)4	TOT P	402	<b>v</b> 03	5133	<b>&gt;</b> 1
01.4	51 <sup>0</sup>	00000	07.04	34.14	26,92	00.000	1479.3							
0	510	00010	07.04 07.05	34.343	26.92		1478 • 4							
	SID	00023	07.06	34.34 34.38	26.92	00.011	1478.5							
	285	00021	07.06	34.186	25.94 25.95	00.025	1478.8							
	085	00026	07.30	34.426	26.95		1479.8							
	510	00030	07.21	34.41	26.95	00.034	1479.6							
	ORS	00043	07.13	34.407	26+95		1479.4							
	095 510	00049 00050	07.29	34.461	26.97		1480.3							
	(185	00069	07.26 07.09	34.45 34.387	26.97	00.055	1480.2							
	510	00075	07.29	34.54	26.94 + 27.04	00.083	1479 - 7							
	DRS	00077	07-39	34.566	27.04	00.083	1480.8							
	08.5	00086	96.46	34.394	27.04		1477.6							
	(185	00090	06.50	34.435	27.06		1477.8							
	OBS STD	00099	95.27	34.233	27.06		1472.7							
	785	00100	05.29	34.24	27.06	00.109	1472.8							
	HBS	00111	05.31	34.260 34.637	21.07		1473.0							
	085	00119	36.34	34.639	27.16		1480.7							
	SIn	00125	06.86	34.61	27.15	00-134	1480.5 1483.0							
	DBS	00125	06.86	34.607	27.15	33.131	1480.0							
	085 085	00130	06.57	34.546	27.14		1478.9							
	085	00140	05-69	34.454	27.18		1475.4							
	510	00150	05.47 05.45	34.480 34.47	27.23		1474.7							
	nes	00163	05-22	34.426	27.22 21.22	00.156	1474.6							
	785	00170	05.0+	34.461	27.26		1473.8							
	085	00181	04.35	34.387	27.28		1470.5							
	085 <b>51</b> 0	00199	04.40	34-460	27.34		1471.1							
	085	00204	04.40 04.46	34.46 34.513	27.34	00.195	1471.1							
	085	00211	05.10	35.86 P	27•37 24•372		1471.5							
	085	00215	05.30	34.657	27.39 *		1475.3							
	085 085	00224	05.45	34.729	27.43		1476 . 2							
	510	00249 00250	05.13	34.695	27.44		1475.2							
	DBS	00273	05•13 05•13	34.70 34.767	27.44 27.50	00.234	1475.3							
	ΠBS	00298	05.05	34.809	27.54		1475.7							
	510	00300	05.06	34.81	27.54	00.265	1475.9							
	085 085	00326	75.12	34.860	27.57		1476.7							
	กอร	00332	05.11 35.13	34 - 876	27.59		1476.8							
	QBS	00348	05.12	34.884 34.891	21.59 21.60		1477.1							
	085	00375	04.97	34.901	27.62		1477.1							
	510	00400	04.91	34.90	27.63	00.321	1477.1							
	085 385	00400 00429	04.91	34.904	27.63		1477-1							
	085	00453	04.73 04.61	34.912 34.919	27.66		1476.9							
	OBS	00478	04.56	34.923	27.68 27.69		1476.8							
	012	00500	04.51	34.92	27.69	00.370	1477.1							
	085 085	00501 00532	04.51	34.924	21.69	-	1477-2							
	785	00557	04.75 04.64	34.981	27.71		1478.7							
	STO	00600	04.45	34.964 34.97	27•71 27•74	00.415	1478.7							
	385	00600	04.45	34.974	27.74	00.415	1478.6							
	08.5 08.5	00650	04.36	34.943	27.72		1479+0							
	510	00667 00700	04.26	34.946	27.74		1478.9							
	nB S	00704	04.26 04.26	34.95 34.945	21.74 21.74	00-459								
	MAS	00725	04.16	34.923	27.73		1479.5							
	085	00785	04.27	34.965	27.75		1480.9							
	SFO OBS	00800 00835	04.29	34+97	27.75	00.503	1481.2							
	085	00870	04.30 04.27	34.977 34.974	27.76		1481.9							
	510	00900	04.11	34.96	27.76 21.76	00.546	1482.3							
	UB \$	1000	04.11	34.958	21.76	00.746	1482.2							
	DBS DBS	00952	04.09	34.450	27.76		1482.9							
	510	01000	04.16 04.17	34.968	27.77		1483.8							
	กลร	01702	04.17	34.97 34.969	21.76 27.76	00.590	1484.1							
							1484-1							

Table NH1.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296. Continued

REFID 31 8296 CONSEC 0317 LAT 46 00 N LONG 046 22 H	YEAR MUNTH DAY HOUR	1 04	ROTOP 00503 SHIP EV OATA USE 1 ARE4 05	AIR T WET B HARON CLOUS	ULB 09-4 ETR 1008-8		STPER L 2	WIND-01R WIND-520 WIND-FOP WEATHER	0+	TR & DUR	t STO GE OI Atlon G IIP	R	00+2	5	N SO 1 SOUARE SOUARE SANDOS	66
CASTNUMITIME	LVLTYP	0EPTH	TEMP	SAL	513M4-T	OYNOPIH	SNO VEL	DXY G	P34	Tur	P N	02	NO3	5173	PH	
	STO	00000	06.36	34.18	26.88	00.000	1475.4									
10.8	0.85	00003	06.36	34-176	26.88		1475.5									
	085	00006	06.63	34.312	26.95		1476.8									
	085	00008	07.09	34.389	26.95		1478.7									
	STO	00010	07.14	34.38	26.93	00.012	1479.0									
	08 S 5 T D	00012	07.23	34.367	26.91	00.033	1479.3									
	085	00020 00027	07.27 07.33	34.39 34.409	26.92 26.93	00-023	1479.6									
	510	00033	07.35	34.42	26.93	00.034	1480.0									
	510	00050	07.56	34.52	26.98	03.057	1481.4									
	ORS	00057	07.63	34.542	26.99	00.031	1481.8									
	STO	00075	07. BO	34.58	27.00	00.084	1482 • 9									
	085	00075	07.81	34.586	27.00	50.004	1482.9									
	nes	00095	07.57	34.526	26.99		1482.2									
	510	00100	07.33	34.58	27.06	00.110	1481.4									
	ORS	00100	07.30	34.588	27.07		1481.3									
	0.85	00107	07.10	34.631	27.14		1480.7									
	085	00114	06.75	34.629	27-18		1479.5									
	085	00117	06.42	34.620	27.22		1478.2									
	085	00123	06.28	34.624	27.24		1477.7									
	STO	00125	06.26	34.62	27.24	00-134	1477-7									
	085	00126	06.24	34.619	27.24		1477.6									
	085	00149	05.88	34.553	27.24		1476-4									
	510 085	00150 00153	05.62	34.53	27.25	00.155	1475.4									
	UB5	00156	05-26 05-13	34.492	27.26		1473.9									
	085	00162	05.20	34.478 34-535	27.27 27.30		1473.9									
	385	00166	05.15	34.617	27.38		1473.9									
	085	00174	05.59	34.681	27.37		1475.9									
	085	00177	05.61	34.662	27-36		1476.0									
	510	00200	05.52	34.67	27.37	00.195	1476.0									
	085	00200	05.51	34.666	27.37	*****	1476.0									
	085	00224	05.11	34.576	27.35		1474.6									
	085	00230	04.72	34.564	27.38		1473.1									
	085	00234	04.60	34.600	27.43		1472 - 7									
	<b>JBS</b>	00246	04.46	34.616	27.45		1472.3									
	510	00250	04-54	34.70	27.51	00.229	1472.8									
	285	00250	04.56	34.714	27.52		1472.9									
	085	00271	05-05	34.797	27.53		1475.4									
	085	002 75	05-28	34 - 892	27.58		1476.5									
	085	00278	05.64	34.921	27.56		1478 - 1									
	085 510	00281 00300	05.73 05.42	34.913 34.88	27.54 27.55	00.259	1478.5									
	085	00303	05.41	34.877	27.55	00.239	1477.5									
	085	00306	05.42	34.902	27.57		1477.6									
	085	00315	05.32	34.896	27.58		1477.4									
	085	00326	05.27	34.892	27.58		1477.4									
	085	00352	05-11	34.918	27.62		1477 • 2									
	085	00383	05.05	34.938	27.64		1477.4									
	STO	00400	05.00	34.93	27.64	00.313	1477 - 5									
	085	00400	05-00	34.931	27.64		1477.5									
	085	00427	04.72	34.927	27.67		1476-8									
	085	00443	04.58	34.937	27.69		1476.5									
	085	00468	04.58	34.939	27.70		1476.9									

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

HEF10 31 3236	YEAR	1972	3010P 01183	AIR 1	FMP 09++	OIR H	IGT PER	41ND+31R	25	INST	STO REC	UKBER	<b>T</b> (	1 C2 P	1 326
CUNSEC 0318 LAT 46 04 N LONG 346 45 W		1 04	SHIP EV DATA USE 1 AREA 05	WET E BARDY CLOU!	ETR 1009.5	O9 SEA CL/TR		#INO~SPU #INO~FJR #FATHE?		THACE DIJRAT URIG		0 <b>7•</b> 5	5 2	SPANCS SPANCS SPANCS	66
CASTHUMITIME	LVLTYP	оветн	EFMP	SAL	STUMA-T	DYNDPTH	SNO VEL	3×4C	P 14	101 6	102	N03	5173	PH	
13.4	STO	00003	00.15	33.24	26.10	00.000	1447.5								
12.8	085	00004 00004	00.15 00.09	33.238 33.300	26.79 25.75		1447.6								
	STD BBS	00010	00.70	33 • 32 33 • 481	26.73 26.85	00.013	1450.3 1452.2								
	510	00013	00.50	33.54	26.93	00.026	1449.9								
	285 285	30324 3032 <b>7</b>	00.16 01.08 P	33.735 33.881	27•10 27•162		1448.7								
	510	00030	02.36	34.02	21.18	00.036	1459.0								
	18 S 18 S	00130	01.89 P 03.47	34.040 34.34 P	21.231 21.340										
	085	00036	04.20	34.188	27.14 *		1467.2								
	78\$ 38\$	00038 00041	04.85 05.05	34.255 34.147	27.12 27.02 #		1470.0 1470.3								
	TRS	00346	მ5.მჟ	34.186	27.04		1471.3								
	185 <b>ST</b> O	00050	05.43 05.53	34.272 34.36	27.07	00.054	1472.6								
	085	00052	05.81	34.490	27.20		1474.5								
	085 085	00054	05.95 06.02	34.259 34.393	27.00 * 27.09		1474.8								
	785	00060	06.41	34.438	27.08		1477.0								
	985 185	00069	05.76 05.91	34.413 34.347	27.14 27.07 *		1474.5								
	STD DBS	00075	05-33	34.27	27.08	00.079	1472.6								
	1132	00093	04.54	34.181 34.165	27.10 27.11		1469.3 1468.3								
	510 u35	00100	03.83	34.22 34.230	27.21	00.102	1466.3								
	785	00101	03.84	34.247	27.23		1466.9								
	OBS OBS	0011)	04.11	34.295 34.318	27.24 27.26		1468 . 2								
	.∋R.S	00121	94.39	34.378	27.28		1468.1 1469.3								
	085 \$10	00124 00125	04.56 04.66	34.4 <b>9</b> 9 34.51	27.35 27.35	00-123	1470.6 1471.0								
	IRS	00127	04-84	34.535	27.34	002123	1472.0								
	785 J85	00147	05.47 05.79	34.650 34.694	27.36 27.36		1474.9								
	<b>∂</b> 8 \$	00144	05.94	34 • 692	27.34		1476.9								
	510 085	00150 00150	05.97 05.98	34.68 34.683	27.33 21.33	00.142	1477.0								
	1185	00156	06.13	34.725	27-33		1478.0								
	185 J85	00163	06.14 05.59	34.664 34.593	27.29 * 27.30		1477.7								
	785	00174	35.47	34.636	27.35		1475.3								
	785 510	00193 00290	75.38 05.43	34.665 34.67	27.39 27.39	00.179	1475.4								
	)8.5 ⊒8.5	00210	05.57	34.716	27.40		1476.4								
	GRS	00213 00217	05.55 05.87	34.176 34.439	21.45 21.46		1476.5								
	785 085	00223	05.93	34.818 34.569	27.44 27.46		1478.2								
	510	00250	04.75	34-67	21.41	00.214	1473.6								
	118 S 28 C	00275	04.64 04.72	34.725 34.763	2 <b>1.</b> 52 2 <b>1.</b> 54		1473.7								
	085	00285	34.86	34.847	27.59		1474.9								
	∂85 JBS	00243	05.04 05.41	34.85L 34.926	27.57 27.59		1475.7								
	510 JBS	00333	05.41	34.92	27.59	00.244	1477.5								
	OBS	00327 00351	05.26 05.07	34.899 34.946	21.59 21.65		1477.3								
	1185 185	00373	05.22 05.16	34.955 34.972	27.63 27.66		1478.0								
	510	00400	05.16	34.97	27.66	00.296	1478.2								
	08\$ 08\$	00424	95.16 J5.13	34.988 34.993	21.61 21.68		1478.6								
	178 S 118 S	00447	05.12	34.997	27.68		1473.9								
	135	00451 00486	05.12 05.01	34.995 34.975	27.68 27.68		1478.9								
	STD DBS	00500 00500	04.91	34.98 34.985	21.69 21.70	00.344	1478.9 1478.9								
	URS	00527	04.89	34.990	21.70		1479.2								
	785 085	00550 00575	04.30 04.75	34-983 34.979	27.71 27.71		1479.2								
	085	00599	04.72	34-987	27.72		1479.7								
	510 085	00600 00625	04.71 04.57	34.98 34.946	21.12 21.10	00.391	1479.7								
	085	00650	04.39	34.945	27.72		1479+2								
	\$10 085	00700 00700	04+23 04+23	34.94 34.942	21 <b>.74</b> 27 <b>.74</b>	00.435	1479.3								
	085	00724	04 • 22	34.943	27.74		1479.7								
	08 S 08 S	00751 00777	04.20 04.17	34.942 34.944	21.14 21.15		1480.0								
	STD	00800	04-17	34.95	27.75	00.479	1480.7								
	08 S S T O	00802 00900	04.17 04.07	34.946 34.94	27•75 21•75	00.523	1480.8								
	STO OBS	01000 01020	03.81	34.94 34.939	27.78 27.79	00-566	1482.5								
	0-3	0,020	03.14												
					• • • • • •	• • • • • • • •	-								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–48 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

REFID 31 829 CONSEC 001 LAT 45 10 LONE 047 00	9 40V1 V DAY	1972 4 04 13 15,3	A DIPP 01248 SHIP FV DATA USE 1 AREA JS	ATR THARDS	BUCH 03.3 FEER 1011.2		IGT PER 5 2	4E# THES 4170-E )8 4170-250 4170-318	1 •	TPALE OURAT		OR OF R ) 07.4	5	N SQ 1 SQUARE SQUARE SQUARE	66
CASTRUMZTIME	E V L T Y >	эготн	TEMP	SAL	< 1 3 M V = 1	нтабиус	SNO VEL	DX Y G	274	101 P	102	NO3	5133	P 4	
	SID	00000	- 0.64	33.00	25.54	00.000	1443.6								
15.7	18.5	00002	- 0.64	32.497	25.54		1443.6								
	0.15	00010	- 0.79	32. 27	26.52	00.015	1441-0								
	385 285	00013	- 0.82 - 1.15	32.767 33.110	26.52		1442+8								
	18.5	00015	- 1-32	33.232	26.75		1441.0								
	\$10	00120	- 1.41	33.26	25.77	00.029	1440.7								
	185	15000	- 1.42	33.279	25.79		1440.6								
	HRS	00024	- 1.42	33.370	26 - A 7		1441.9								
	CT2	00030	- 1.33	11.19	26.8A	00.041	1441.4								
	045 510	00049	- 1.13 - 1.13	33.480 33.48	25.95 25.95	00.064	1442.8								
	0.85	00051	- 1.12	33,491	25.96	0,7001	1442.9								
	OB S	30771	- 0.54	34.617	21.04		1446 - 1								
	510	00075	- 0.51	33.62	21.04	09.991	1445.2								
	1185	00076	- 0.52	33+620	27.04		1446.7								
	185	00014	- 0.59 - 3.49	31.629	27.05 27.12		1446.6								
	nas	00145	- 0.24	33.749	27.13		1447.7								
	610	00100	- 0.02	31.03	27.18	00.115	1449.2								
	0.65	00100	10.01	33.434	27.19		1449.4								
	795	00134	00+22	33.873	27.21		1450.5								
	78.5 (14.5	00115 00118	- 0.03 - 0.08	33.870 33.908	27.22 27.25		1449.5								
	510	00125	00.03	33.94	27.27	01.136	1450.0								
	CBS	00125	10.03	33.943	27.21		1450.3								
	(135	001.45	00.30	34.038	27.34		1451.7								
	185 \$10	00149	00.46	34-106	27.38	00.155	1452.6								
	285	00165	03.87	14.11	27.38	00.131	1454.7								
	785	00172	01.44	34.251	21.44		1457.6								
	145	00199	01.70	34.133	27.48		1459.7								
	510	00530	01.81	34.35	27.49	00.183	1459.1								
	1) fl G The G	00224 00227	02+36 02+53	34.512 34.500	21.51 21.55		1462.9								
	STO	00253	02.92	34.57	27.58	00.217	1465.4								
	18.5	00250	12.83	3570	27.58		1465.4								
	) R S	00275	03.12	34.509	27.58		1467.1								
	18.5 5.10	002.98 003.00	03.21	34.630	21.59 21.59	00.243	1467.9 1468.0								
	UNS	00324	03.47	34.581	27.61	00.0	1469.3								
	18.5	00352	03.70	34.753	27.64		1471.1								
	185	00374	03.82	34.774	27-65		1472.3								
	ORS St)	00498	04.02 04.02	34.460 34.86	27.69	00.292	1473.3								
	285	00435	04.12	34.855	27.68	110 = 2 +2	1474.2								
	78.5	00451	04.38	34.498	27.69		1475.8								
	285	00474	04.67	34. 359	21.70	00,337	1477-4								
	385	0050U 0050L	04.66	34 • 17	27.71	00.437	1477.8								
	085	00525	04.65	34.977	21.72		1478.2								
	LAS	00549	04.62	34.475	21.12		1478.5								
	- BS SID	00574	04.47 04.3F	34.94 A	21.72	00.382	1478.3								
	195	00400	04.35	34.744	21.72	00.382	1478.3								
	-18.5	00+24	04.34	34.941	27.72		1479.5								
	) A S	00551	04.42	14.982	27.75		1479.3								
	n85 5 <b>1</b> 0	006 <b>7</b> 7	04.34	34.956	27.73 27.74	00.427	1479.6								
	385	00701	34.19	14.167	27.74	00.42	1480 - 0								
	ORS	00724	94.3H	34.960	21.14		1480.4								
	785	00752	04.26	34.949	27.74		1480 - 3								
	785	00773	04.25	34.953	27.74 27.74	00.471	1480.8								
	165	0080)	04.20	34.941	27.74		1490.8								
	DBS	85800	04.17	34.145	27.75		1481.2								
	n B s	00450	04.15	34.142 34.145	27.75		1481.5								
	STO	00873 00900	04.15	34.95	27.75	00.516	1482.3								
	DRS	00303	04-14	34.946	27.75		1482.3								
	08 S	00930	64.14	34.949	27.75		1482 • 8								
	085	00949 00989	04.14	34.950 34.937	27.75 27.75		1483.1								
	.,03	00444	04.10	,4.71/	61.12										

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

	1 R296 0020 6 l+ % 7 14 #	MQNT OAY	1972 4 04 10 16.9	BOTOP 00936 SHIP EV DATA USE I AREA 05	WET BARO	TEMP 02-8 HUL9 01-7 METR [012-2 )) T/4		GT PER 5 3	ATNO-OTR ATNO-SPO ATNO-FOR AEATHER	2)	TR AC 0:124	F DIR	ECORDER 7 01+3	5 2	N 50 1306 50UARE 4 50UARE 66 50UARE 67
CASTNU	4/T[4E	LVLTYP	DEPTH	TEMP	SAL	5134A-T	OYNDPTH	SND VEL	D KK G	P 3 4	TOT P	<b>N</b> D2	403	2133	24
		612	00000	- 0.87	33.03	26.57	00.000	1442.5							
	16.9	08 S 08 S	00001	- 0.87 - 0.97	33.026 33.022	26.57 25.57		1442.5							
		\$10	00010	- 0.89	33.02	26.57	00.015	1442.6							
		510	00020	- 1.02	33-06	26.61	00.029	1442.2							
		085	00024	- 1.03 - 0.98	33.082	26.62	00 044	1442.3							
		STD DBS	00330	- 0.98 - 0.95	33.09 33.202	26 • 63 26 • 72	00.044	1442.6							
		ORS	00037	- 0.91	33.531	26.98		1443.7							
		085	00039	- 0.49	33.571	27.00		1445.7							
		085 085	30944 30944	00.42	33.633 33.632	21.00 21.01		1450 • 1 1449 • 2							
		<b>5 T</b> D	00050	00.24	33.67	21.04	00.068	1449.4							
		085	00052	00.25	33.722	27.08		1449.5							
		08.5 08.5	00063 00074	00.83 01.28	33.803 33.918	27.12 27.18		1452.5							
		510	00075	01.32	33.92	27.18	00.092	1454.8							
		285	00077	01.64	33.952	27.18		1456.5							
		085	00085	02.39	33.955	27-13 *		1459.9							
		085 085	00094	02.81 02.95	34.029 34.034	27.15 2 <sup>7</sup> .14		1462.0 1462.8							
		STO	00100	23.01	34.03	27.13	00.115	1463.0							
		085	00105	03.03	33.995	27.10 *		1463.1							
		985 085	00118 00124	01.54 01.31	33.851 33.825	27.11 27.10		1456.6							
		510	00125	01-24	33.82	27.10	00.139	1455.3							
		085	00144	- 0.23	33.764	27.14		1448.9							
		085	00148	- 0.31	33-913	27.18	22 143	1449.7							
		STO DBS	00150 00152	- 0.38 - 0.43	33.82 33.849	27.20 27.22	00.162	1448.2							
		^B5	00156	- 0.16	34 - 021	27.35		1449.8							
		085	00160	00.13	34.052	27.36		1451.2							
		DBS 510	00198 00200	00.83 00.86	34.160 34.17	27.40 27.41	00.201	1455.2							
		085	00212	01.13	34.228	27.44	00.201	1455.3							
		DRS	00215	01.29	34.273	27.46		1457 - 7							
		085	00222	01 - 39	34.281	21.46		1458.2							
		085 085	00724 00230	01.55 01.80	34.333 34.330	21.49 21.41		1459.1							
		280	00249	01.93	34.360	27.49		1461.2							
		510	00250	01.93	34.36	27.49	00.234	1461.2							
		085 085	002 <b>7</b> 3 00282	01.92 01.90	34.369 34.380	27.49 27.50		1461.6							
		DAS	00290	02.20	34.442	27.53		1461.6 1463.2							
		(1B S	00299	02.23	34.448	27.53		1463.5							
		STO OBS	00300	02.23	34.45	27.53	00.264	1463.5							
		085	00324 00348	02 <b>.67</b> 02 <b>.9</b> 7	34.524 34.580	27.56 27.57		1465.9							
		OBS	00377	03.31	34.688	27.63		1469.7							
		085	00399	03 - 44	34.704	27.63		1470.7							
		STD OBS	00400 00426	03.45 03.74	34.71 34.783	27.63 27.66	00.318	1470.7							
		085	00451	03.88	34.832	27.69		1473.6							
		085	0.04.76	04.00	34.864	27.70		1474.5							
		STO OBS	00500	04.03	34.88 34.877	27.71 27.71	00.365	1475 • 1 1475 • 1							
		385	00523	04.04	34.889	21.72		1475.5							
		ORS	00550	04.04	34.895	27.72		1476+0							
		085 085	005 <i>77</i> 005 <i>9</i> 9	04.04	34.900 34.905	27.72 27.73		1476.4							
		510	00600	04.04	34.91	27.13	00.409	1476.9							
		085	00628	04.04	34.911	27.73		1477.3							
		085 085	00652	04.04	34.914	27.74		1477.7							
		510	00676 00700	04.04 04.03	34.917 34.92	21.74 27.74	00.453	1478.1 1478.4							
		085	00701	04.03	34.921	21.74	00.40	1478.5							
		085	00726	04.03	34.923	27.74		1478.9							
		nB5 1B5	09748 09775	04.06 04.05	34.930 34.930	27.75 27.75		1479.4							
		STO	00800	04.04	34.93	27.75	00.496	1480 - 2							
		DAS	00900	04-04	34.932	27.75		1480.2							
		085 085	00824 00954	04.03	34-732	27.15		1480.6							
		085	00975	04.02 04.02	34.934	27.75 21.75		1481.0 1481.3							
		51D 085	00900 00904	04.02 04.02	34.94 34.937	27.15 21.76	00.540	1481.7							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

YAC	1972 1 04 10 18.7	ROTOP 00486 SHIP EV DATA USE 1 AREA 05		OLR 01.1	19 SEA	GT PER	W1NO-DLR W1ND-590 W1NO-F3P WEATHF?	D	TR AC Dup a		00.1	5 5: 2 5:	59 1306 QUAPE 4 QUARE 66 QUARE 67
LVLTYP	nerth	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DXYG	P 14	TOT P	ND2	NO3	\$133	P·f
LVLTYP  STD  185  STD  GRS  GRS  GRS  GRS  GRS  GRS  GRS  GR	00000 00000 00000 00000 00002 000025 00005 00005 00007 00007 00007 00100 00100 00100 00123 00125 00133 00133 00133 00148 00165 00179 00183 00191	TEMP  - 0.99 - 0.99 - 1.00 - 1.01 - 1.01 - 1.08 - 1.10 - 1.36 - 1.43 - 1.46 - 1.32 - 1.04 - 1.00 - 0.97 - 0.76 - 0.97 - 0.76 - 0.77 - 0.76 - 0.77 - 0.27 - 0.25 - 0.39 - 0.13 - 0.65 - 0.90 - 0.13 - 0.65 - 0.90 - 0.27 - 0.27 - 0.25 - 0.39 - 0.13 - 0.60 - 0.90 - 0	\$41 32.95 32.949 32.965 32.96 32.96 32.96 32.96 32.98 33.97 33.13 33.175 33.29 33.556 33.556 33.556 33.556 33.556 33.557 33.577 34.26 34.17 34.262 34.467 34.17 34.262 34.467 34.17 34.262 34.467 34.17 34.262 34.467 34.1820 34.854	26.51 26.51 26.52 26.53 26.50 26.50 26.64 26.79 26.80 27.00 27.00 27.00 27.00 27.00 27.00 27.00 27.00 27.00 27.15 27.15 27.15 27.15 27.15 27.15 27.15 27.16 27.17 27.17 27.18 27.28 27.28 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.32 27.33 27.67 27.67 27.67 27.67 27.69 27.69	00.000 00.015 00.030 00.046 00.075 00.108 00.138 00.165	1441.9 1441.9 1442.0 1442.2 1442.2 1441.8 1441.9 1441.9 1440.9 1440.8 1440.9	DXYG	P)4	TOT P	ND?	NO3	\$123	P-I
HONT-	104	BOTOP 00196 SHIP EV OATA USE 1 AREA 05	WET 9	ULB 01.1 ETR 1012.2			#140-5P0 #140-F3R	25	TRACE	DIR IION	OROER 0 00+2	5 SC 2 SC	\$0 1306 )JAUE 4 )JARE 66 )JARE 67
LVLTYP	ОЕртн	TEMP	SAL	T-APD12	DYNOPTH	SNO VEL	JXYG	P)4	TOT P	105	NO3	\$133	ρď
STD DBS	000 00 00008 00010 00010 00020 00020 00030 00030 00050 00055 00075 00075 00075 00100 00124 00125 00143 00150	- 1.09 - 1.09 - 1.09 - 1.09 - 1.09 - 1.09 - 1.10 - 1.10 - 1.10 - 1.33 - 1.33 - 1.51 - 1.51 - 1.42 - 1.42 - 1.42 - 1.29 - 1.00 - 1.00 - 0.98	32.89 32.89 32.89 32.89 32.89 32.89 32.89 32.89 32.87 33.01 33.00 33.13 33.13 33.13 33.27 33.46 33.46 33.46 33.46 33.46 33.46 33.46 33.46	26.47 26.47 25.47 26.47 26.47 26.47 26.47 26.47 26.46 26.58 26.58 26.68 26.68 26.78 26.78 26.93 26.93 26.93	00.300 00.016 00.031 00.047 00.078 00.116 00.152 00.185 00.215	1441.3 1441.4 1441.5 1441.5 1441.6 1441.6 1441.0 1441.0 1441.0 1441.7 1440.7 1440.7 1441.7 1440.7 1441.7							
	HOUR	NOUN   18.7	HOUR 18.7   AREA   05	NOUN   18.7   ARFA   05   CLOU	HOUR 18.7	HOUN 18.7   AREA   05   CLOUT IVA   CLYTE			Company   Comp	LVLTVP		Company   Comp	March   1977

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 3296 CUNSEC 0023 LAT 46 20 N LONG 047 45 A	YEAR 1972 HONTH 04 DAY 10 HOUR 21.8	ANTOP 00146 SHIP EV DATA USE 1 AREA 05	AIR TEMP 00.6 WET BULB 00.0 BAROMETP 1012.2 CLOUD T/A	DIR HGT PER 19 4 2 SEA CL/TR	WIND-OIR 25 WIND-SPD 23 WIND-FOR WEATHER XI	INST STO RECORDER TRACE DIR OURATION OO.1	TEN \$2 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 67
	VLTYP OEPTH  STD ONNO OBS 00000 STD 00010 UBS 00010 STD 00020 STD 00030 OBS 00032 OBS 00032 OBS 00033 STD 00050 STD 00050 STD 00050 STD 00050 STD 00050 STD 00050 STD 00100 OBS 00101 STD 00125 OBS 00126	- 0.89 3 - 0.89 3 - 0.89 3 - 0.89 3 - 0.91 3 - 0.92 3 - 0.96 3 - 0.98 3 - 1.13 3 - 1.28 3 - 1.35 3 - 1.36 3 - 1.36 3 - 1.15 3 - 1.17 3	SAL \$13MA-T  12.89 26.46  12.89 26.46  12.89 26.46  12.89 26.46  12.89 26.46  12.89 26.47  12.89 26.47  12.89 26.47  12.89 26.47  12.89 26.51  12.98 26.55  13.13 26.67  13.31 26.81  13.41 26.81  13.43 26.91  13.434 26.91	DYNOPTH SNO VEL  00.000 1442.2 1442.4 1442.4 1442.5 1442.5 00.031 1442.5 1442.3 1441.2 00.078 1441.0 00.114 141.6 1441.6 00.146 1443.2 1443.8 1443.8 1443.8	JXYG P)4	TOT P NO <sup>2</sup> NO3	S133 P4
			*****	******			
REFIO 31 8296 CONSEC 0024 LAT 46 25.0M LONG 048 12.0M CASTNUM/TIME 1	YEAR 1977 MONTH 04 OAY 10 HOUR 23.6  LVLTYP OEPTH  085 00012 STD 00020 085 00021 STD 00050 085 00050 085 00050 085 00050 085 00050 085 00050 085 00050 085 00050 085 00050	- 1.11 - 1.14 - 1.14 - 1.14 - 1.25 - 1.25 - 1.38 - 1.38 - 1.49 - 1.49	AIR TEMP 00.0 MET BUL8 -00.6 8AROMETR 1013.9 CLOUD T/A  SAL SIGNA-T 32.892 26.47 32.89 26.47 32.89 26.47 32.89 26.47 32.89 26.47 32.89 26.47 32.90 26.48 32.900 26.48 32.901 26.49 32.91 26.49 32.91 26.49 32.91 26.49 32.91 26.49 32.93 26.51 32.941 26.52	19 4 2	#140-21R 25 #140-590 23 W140-53R #EATHER X1 3XYG P34	INST STO RECORDER PACE DIR DOWNSTION OF THE PROPERTY OF THE PR	
			****	*******			
REFIO 31 8296 CONSEC 0025 LAT 46 32 N LONG 048 27 M CASTNUM/TIME	YEAR 1972 MONTH 04 DAY 11 HOUR 01.5  LVLTYP DEPTH  ST0 00000 085 00000 STD 00010 STD 00020 085 00024 STD 00030 085 00048 STD 00059 085 00075 085 00075 085 00075	- 1.00 - 1.00 - 0.99 - 0.99 - 0.99 - 0.99 - 1.00 - 1.02 - 1.15 - 1.33 - 1.30	AIR TEMP -00.6 MET BUL8 -00.6 8ARGMETR 1014.6 CLOUD T/A  SAL SIGMA-T  32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.48 32.91 26.52 32.94 26.52	19 4 3	MIND-OIR 25 MIND-SPD 22 MIND-EJR MEATHER XI DXYG P34	INST STO RECORDER TRACE DIR D DURATION OD. I ORIG IIP IIO 10T P NO2 NO3	TEN 52 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 68 SID3 P4

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296.— Continued

REFID 31 9296 CONSEC 0026 LAT 46 06 N LONG 048 27 H	YEAR 1972 MONTH 04 DAY 11 HUUR 04.1	ROTOP ONOGS SHIP EV OATA USE 1 AREA 05	AIR TEMP ON.6 WET BUTR ON.0 BARDMETP 1015.2 CE(UU) T/A	O1R HGT PER 14 6 3 SEA CL/TR	# [4] = 1 [# 2] # [4] = 5 P O = 2 3 # [4] = 6 F 3 R # E\$ THE? Y [	RECONSER OF START OF	TEN SO 1306 5 SQUARE 4 2 SQUARE 68 1 SQUARE 68
CASTNUM/TIME LY	итта Обртн	TEMP	SAL SIGMA-T	JYNOPTH SND VEL	DXrG PJ4	101 5 A75 A03	\$133 84
	\$10 00000 \$10 000000 \$10 00000 \$10 000000 \$10 00000 \$10 000000 \$10 00000 \$10 000000 \$10 00000 \$10 000000 \$10 00000 \$10 0000000 \$10 00000 \$10 00000 \$10 00000 \$10 00000 \$10 00000 \$10	- 0.86 - 0.86 - 0.86 - 0.86 - 0.88 - 0.93 - 1.10 - 1.10 - 1.23 - 1.23	32.90	00-000			
REFED 31 M296 CONSEC 0027 LAT 45 03 N CONS 044 E9 H	YENR 1972 MUNTH ON MAY 11 HOTE 25.0	ROTOP 00097 SHIP EV DATA USE 1 AREA 05	AIR TEMP 00-0 HET BUC 00-0 BAPOMETR 1015-2 CLOUD 1/A	DIR HGT PER 19 6 2 SEA CL/TR	MIND-DIR ZD MIND-SPO ZB MIND-SDR MFATHEZ XI	1451 513 RECHROFR 12656 01R 3 00841134 03-3 0415 11P 113	TEN 50 1306 5 SQUARE 4 2 SQUARE 58 1 SQUARE 68
CASTNOM/TIME LV	ALTYP DEPTH	TEMP	SAL SIGMA-T	DANDELH 200 AEF	7x4G P34	TOT P 402 403	ST33 P4
	085 00011 510 00020 088 00022 098 00028 510 00049 510 00075 510 00075 00075	- 0.94 - 0.94 - 0.94 - 0.96 - 0.96 - 1.15 - 1.17 - 1.43 - 1.43	32-911	1442 -2 1442 -4 1442 -4 1442 -5 1442 -5 1441 -9 1441 -8 1441 -1 1441 -1			
455 (n. 3) 4266 CUNSEC - 0328 LAT - 45 54 N Ling - 048 08 H	YESS 1972 MC"4TH 04 DAY 11 HOUR 06.3	30 TOP 001[0 SHIP FV DATA USE 1 APEA 05	AIR TEMP OL-L MET AULA OU-U BAROMETR 1015.4 CLOU) T/4	018 MGT PEP 20 5 2 SE4 CL/1P	41VD=01P 25 W1VD=SP0 27 W1VD=F7P WEATHER X7	Tyst sto recorder Toace off o Dipatting oorl URES TEP IIJ	TEN SO 1306 5 SJJARF 4 2 SOUARE 48 1 SOJARE 58
FASTWINNTENE L	yŁTYP DEPTH	<b>TEMP</b>	SAL SISMA-T	DYNOPTH SND VEL	DXYG P14	101 P NO2 NO3	ST33 P4
	\$10 00000 185 00100 510 00020 185 00020 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040 185 00040	- C.97 - 0.97 - 0.99 - 0.99 - 0.99 - 0.99 - 1.26 - 1.27 - 1.41 - 1.41 - 1.37 - 1.04 - 1.07 - 1.39 - 1.39	32.92 2/.49 37.920 25.49 32.92 26.49 32.93 25.49 32.92 26.49 32.92 26.49 32.912 26.49 32.912 26.49 32.912 26.48 32.950 26.52 32.96 26.53 32.96 26.53 33.001 25.57 33.02 25.59 33.110 25.65 33.111 25.65 33.111 25.65 33.111 25.66 33.111 25.66	00.000 1441.9 1441.9 00.016 1442.2 1442.2 00.046 1442.3 1442.5 1441.4 00.077 1441.4 1441.7 00.114 1441.7 1441.9 00.150 1443.3 1443.4 1441.9			
			* * * * *				

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 CONSEC D029 LAT 45 52 N LONG 047 54 W	YEAR MONTH DAY HOUR	1 04	BOTOP DO245 SHIP EV DATA USE 1 AREA DS	AIR T WET 6 BARD CLOUC	SULB 00.0 SETR 1017.3		GT PER 5 2	HIND-DIR HIND-SPD HIND-FOR HEATHER	10	TR A	CE D	IR	OR DER 0 00.1	2	EN 52 Souar Squar Souar	E 46
CASTNUM/TIME	LVLTYP	0EPTH	TEMP	SAL	SIGNA-T	DYNOPTH	SND VEL	3 X Y G	P)4	TOT	P	NO2	NO3	\$133	PH	
	STO	00000	- 0.98	32.90	26.48	00.000	1441.8									
07.5	nes	00000	- 0.98	32.905	26.48		1441.8									
01.5	STD	00010	- 0.98	32.91	26.48	00.016	1442 .D									
	510	00020	- 0.97	32.91	26.48	00-031	1442 - 2									
	085	00026	- 0.97	32.906	26.48		1442 - 3									
	510	00030	- 1.01	32.92	26.49	00.D47	1442 - 2									
	085	00048	- 1.30	32.994	26.56		1441.3									
	STO	00050	- 1.32	33.01	26.57	00.077	1441 -2									
	Des	00051	- 1.35	33-023	26 • 5 8		1441.1									
	085	00058	- 1.38	33,069	26.62		1441.2									
	085	00074	- 1.27	33.308	26.81		1442.3									
	STO	00075	- 1.27	33.31	26.81	00.111	1442.3									
	085	00097	- 1.16	33.418	26.90		1443.3									
	STO	001 00	- 1.07	33.47	26.94	00.140	1443.9									
	085	00100	- 1.05	33.485	26.95		1444 - 0									
	085	00109	- 0.93	33.445	26.91 *		1444.6									
	085	00116	- 0.93	33.450	26.92		1444.8									
	510	00125	- 0.94	33.45	26.92	00.169	1444.9									
	085	00125	- 0.94	33.453	26.92		1444.9									
	STO	00150	- 0.88	33.51	26.96	00.196	1445.6									
	085	00151	- 0.88	33.508	26.96		1445.6									
	085	001 75	- 0.77	33.565	27.00		1446.6									
	510	00200	- 0.59	33.60	27.02	00.250	1447.9									
	ORS	00201	- 0.59	33.599	27.02		1447.9									
	085	00219	- 0.60	33.610	27.03		1448.2									

Table XIII,—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

09.1 08.5 00009 - 0.082 17.939 26.500	REFID 31 8296 YEAR I CONSEC 0030 MONTH LAT 45 45 N DAY LONG 047 38 W HOUR C	04 5H	7 <sup>O</sup> P 01320 IP EV TA USF 1 EA 05	AIR TE MET BU BARONE CLOUD	LR 00.6 TR 1019.3	OIR HO 20 4 SEA CL/TR	ST PER	WIND-DIR WIND-SPO WIND-FOR 4EATHER	15	TRACE OUPAT		OR OE R 00 • 4	5 2	N 50 1306 SQJARF 4 SQUARF 46 SQJARE 57
11	CASTNUM/TIME LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OX4 G	P 34	1 01 P	402	NO3	5173	P-I
STID   00020		00009 -	0.82	32.939	26.50									
OB														
085 00977 - 0.00 33.128 20.64														
\$\begin{array}{c c c c c c c c c c c c c c c c c c c														
The color			- 0.60											
185		00030	- 0.61											
mgs														
\$10 00050		00036 -												
Cas	5 <b>T</b> n													
PASS   00000   -0.96   33.547   27.00   1443.8			- 0.89	33.454										
PASS   00000   -0.96   33.547   27.00   1443.8			- 0.84	33.450										
085 0006 - 1.22 33.583 77.03 1442-9  STD 0015 - 0.52 31.58 27.01 1440-2  085 0008 - 0.22 31.58 27.02 1447.0  085 0008 - 0.20 31.58 27.02 1447.0  085 0008 - 0.48 31.712 27.11 1446.9  STD 00100 - 0.58 31.68 27.10 1446.5  188 00101 - 0.59 31.68 27.10 1446.5  188 00101 - 0.59 31.68 27.10 1446.4  189 00101 - 0.59 31.68 27.10 1446.5  189 00101 - 0.39 31.60 77.00 1447.1  189 00110 - 0.19 31.60 77.00 77.00 1447.1  189 00110 - 0.19 31.60 77.00 77.10 1447.1  189 00120 - 0.31 31.60 77.10 77.10 1447.1  189 00120 - 0.31 31.60 77.10 77.10 1447.1  189 00120 - 0.31 31.60 77.10 77			- 1.02	33.527										
\$10 00075														
088							1446+2							
Color		00008 -	- 0.20		27.00									
\$10 00100 - 0.58			- 0-40	33.598										
0.85 0.01.01 - 0.59 31.688 27.10 1446.4  0.85 0.01.10 - 0.19 33.6.62 77.07 * 1447.5  0.85 0.01.11 - 0.447 33.700 27.10 1447.1  0.85 0.01.12 - 0.49 33.700 27.10 1447.1  0.85 0.01.25 - 0.33 33.80 27.11 1448.2  0.85 0.01.26 - 0.18 33.320 27.11 1448.2  0.85 0.01.26 - 0.19 33.320 27.18 1448.2  0.85 0.01.27 0.0.19 33.87 77.72 1445.3  0.85 0.01.27 0.0.0 33.87 77.72 1445.4  0.85 0.01.27 0.0.0 33.87 77.72 1445.4  0.85 0.01.27 0.0.0 33.87 77.72 1445.4  0.85 0.01.27 0.0.0 33.87 77.22 1455.4  0.85 0.01.27 0.0.0 34.005 27.14 1455.6  0.85 0.01.27 0.0.0 34.005 27.14 1455.6  0.85 0.01.27 0.0.0 34.005 27.14 1455.6  0.85 0.01.27 0.0.17 33.27 27.22 1455.6  0.85 0.01.27 0.0.17 33.27 27.22 1455.6  0.85 0.01.27 0.0.1 34.005 27.14 1455.6  0.85 0.01.27 0.0.20 34.005 27.14 1459.0  0.85 0.02.29 0.1.44 34.19 27.39 1458.0  0.85 0.02.29 0.1.45 34.21 27.40 1458.5  0.85 0.02.20 0.1.87 34.21 27.40 1458.5  0.85 0.02.20 0.1.87 34.21 27.40 1458.5  0.85 0.02.20 0.1.87 34.21 27.40 1458.5  0.85 0.02.20 0.1.87 34.21 27.40 1458.5  0.85 0.02.20 0.1.87 34.21 27.40 1458.5  0.85 0.02.20 0.1.97 34.31 27.45 1466.3  0.85 0.02.20 0.1.97 34.31 27.45 1466.3  0.85 0.00.20 0.1.97 34.31 27.25 44 1466.3  0.85 0.00.20 0.3.21 34.40 27.25 44 1466.3  0.85 0.00.20 0.3.21 34.40 27.25 44 1466.3  0.85 0.00.20 0.3.21 34.40 27.25 44 1466.3  0.85 0.00.20 0.3.21 34.40 27.25 44 1466.3  0.85 0.00.20 0.3.21 34.74 27.63 1471.8  0.85 0.00.20 0.4.21 34.85 27.60 1470.7  0.85 0.00.20 0.4.21 34.85 27.60 1470.7  0.85 0.00.20 0.4.21 34.89 27.40 1470.7  0.85 0.00.20 0.4.21 34.89 27.40 1470.1  0.85 0.00.20 0.4.21 34.90 27.70 1477.7  0.85 0.00.20 0.4.21 34.90 27.70 1477.7  0.85 0.00.20 0.4.21 34.90 27.70 1477.7  0.85 0.00.20 0.4.21 34.90 27.71 1478.2  0.85 0.00.20 0.4.21 34.90 27.71 1478.2  0.85 0.00.20 0.4.21 34.90 27.71 1478.2  0.85 0.00.20 0.4.21 34.90 27.77 1448.4  0.85 0.00.20 0.4.21 34.90 27.77 1448.4  0.85 0.00.20 0.4.21 34.90 27.77 1448.4  0.85 0.00.20 0.4.21 34.90 27.77 1448.4  0.85 0.00.20 0.4.21 34.90 27.77 1448.4  0.85 0.00.20 0.4.21 34.90 27.77 1448.4  0.85 0.00.20 0.4.21 34.9			- 0.48	33.712										
Onl														
Description	1183													
085 00112 - 0.47 33.760 27.15 1447.4  985 00122 - 0.54 33.771 27.16 1448.2  186 00126 - 0.13 33.80 27.17 1448.2  187 00125 - 0.13 33.80 27.18 1448.2  180 00120 00.00 33.807 27.18 1448.2  180 00120 00.00 33.807 27.11 1448.2  180 00171 00.00 34.005 27.14 1459.6  181 00171 00.00 34.005 27.14 1459.6  181 00171 00.00 34.005 27.14 1459.6  181 00200 01.44 34.19 27.39 1459.0  181 00200 01.44 34.19 27.39 1459.0  181 00200 01.44 34.19 27.49 1459.0  181 00200 01.44 34.19 27.49 1459.0  181 00200 01.44 34.19 27.49 1459.0  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00200 01.44 34.19 17.45 1460.1  181 00300 02.42 14.47 27.55 1460.1  181 00300 02.42 14.77 27.55 1460.1  181 00300 02.42 14.77 27.55 1460.1  181 00300 02.42 14.77 27.55 1460.1  181 00300 03.27 34.650 27.57 1460.8  181 00300 03.27 34.650 27.57 1460.8  181 00300 03.11 34.74 27.62 1470.7  181 00400 03.11 34.74 27.62 1470.7  181 00400 03.83 34.78 27.65 1470.7  181 00500 04.25 34.88 27.69 1470.7  183 00425 03.83 34.78 27.65 1470.7  183 00425 03.83 34.78 27.65 1470.7  185 00425 03.83 34.78 27.65 1470.7  185 00425 03.83 34.79 27.65 1470.7  185 00501 04.20 38.83 27.69 1470.1  185 00501 04.21 34.89 27.67 1470.7  185 00501 04.21 34.89 27.69 1470.1  185 00501 04.21 34.91 27.72 1479.1  185 00501 04.21 34.92 27.71 1478.2  186 00500 04.11 34.92 27.72 1479.3  187 00600 04.11 34.92 27.77 1479.3  188 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1479.3  189 00700 04.11 34.92 27.77 1489.3  189 00700 04.11 34.90 27.77 1499.3  189 00700 04.20 34.90 27.75 1489.3  189 00700 04.20 3														
985 00122 - 0.54 33.771 27.16 1447.1  \$\$10 00125 - 0.13 33.80 27.17 1448.2  \$\$10 00126 - 0.13 33.80 27.18 1448.9  \$\$10 00126 0 0.0.02 33.87 27.21 1450.3  \$\$10 00157 00.0.02 33.87 27.21 1450.3  \$\$10 00157 00.0.02 33.87 27.21 1450.3  \$\$10 0050 00151 00.0.0 33.87 27.22 1450.3  \$\$10 0050 00157 00.0.0 33.87 27.22 1450.3  \$\$10 0050 00157 00.0.0 33.87 27.22 1450.3  \$\$10 00207 00177 34.05 27.14 1453.6  \$\$10 00207 00.40 34.05 27.14 1453.6  \$\$10 00207 01.44 34.19 27.34 1458.5  \$\$10 00207 01.45 34.19 27.40 1458.5  \$\$10 00209 01.40 34.30 27.45 1460.4  \$\$10 00259 01.92 34.31 27.45 1461.1  \$\$10 00259 01.97 34.315 27.45 1461.1  \$\$10 0025 02.87 34.43 27.55 1461.4  \$\$10 00125 02.87 34.50 27.57 1466.8  \$\$10 00125 02.87 34.50 27.57 1466.8  \$\$10 00125 03.27 34.56 27.57 1466.8  \$\$10 00125 03.27 34.56 27.57 1466.8  \$\$10 00125 03.27 34.56 27.57 1466.8  \$\$10 00125 03.27 34.56 27.61 1469.1  \$\$10 00400 03.40 34.74 27.63 1471.8  \$\$10 00400 03.40 34.74 27.63 1471.8  \$\$10 00400 03.40 34.74 27.63 1471.8  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 03.60 34.74 27.63 1471.9  \$\$10 00400 04.21 34.91 27.40 1470.7  \$\$10 00400 03.60 34.36 34.92 27.71 1478.2  \$\$10 00500 04.21 34.91 27.70 1477.7  \$\$10 00400 04.21 34.91 27.70 1477.7  \$\$10 00400 04.21 34.91 27.71 1478.2  \$\$10 00500 04.11 34.92 27.71 1478.2  \$\$10 00500 04.11 34.92 27.71 1478.2  \$\$10 00500 04.11 34.92 27.71 1478.2  \$\$10 00500 04.11 34.92 27.71 1478.2  \$\$10 00500 04.11 34.91 27.72 1479.3  \$\$10 00500 04.11 34.92 27.71 1478.2  \$\$10 00500 04.11 34.92 27.71 1478.2  \$\$10 00500 04.11 34.92 27.71 1478.2  \$\$10 00500 04.11 34.92 27.71 1480.4  \$\$10 00707 04.20 34.90 27.75 1480.4  \$\$10 00707 04.20 34.90 27.75 1480.4  \$\$10 00707 04.20 34.90 27.75 1480.4  \$\$10 00707 04.20 34.90 27.75 1480.4  \$\$10 00707 04.20 34.90 27.75 1480.4  \$\$10 000000000			- 0.47	33.760										
\$10 00125 - 0.13 33.80 27.17 144.2  Back 00126 00126 0.0.19 33.87 27.18 1440.3  Back 00126 00.0.17 00.0.0 33.877 27.12 1450.4  Back 00177 00.60 34.015 27.31 1452.5  Back 00177 00.60 34.015 27.31 1452.5  Back 00177 00.60 34.015 27.34 1453.6  Back 00207 01.45 34.10 27.39 1458.0  Back 00207 01.45 34.10 27.39 1458.0  Back 00207 01.46 34.10 27.39 1458.0  Back 00207 01.46 34.30 27.45 1460.4  Back 00208 01.97 34.30 27.45 1460.4  Back 00208 01.97 34.41 27.45 1460.4  Back 00208 01.97 34.41 27.45 1460.4  Back 00208 01.97 34.47 27.55 1460.8  Back 00275 02.12 34.43 27.53 1462.6  Back 00208 00150 02.42 34.43 27.53 1462.6  Back 00150 002.42 34.43 27.54 1460.8  Back 00150 002.52 02.87 34.550 27.61 1460.8  Back 00150 00.55 03.27 34.650 27.61 1460.8  Back 00150 03.51 34.40 27.54 1460.8  Back 00150 03.51 34.40 27.55 1472.9  Back 00150 03.51 34.762 27.63 1470.8  Back 00150 03.51 34.762 27.63 1470.8  Back 00150 03.51 34.762 27.63 1470.8  Back 00150 03.51 34.762 27.65 1472.9  Back 00150 03.51 34.762 27.76 1475.4  San 00100 04.21 34.83 27.69 1476.1  Back 00100 04.21 34.83 27.69 1476.1  Back 00100 04.21 34.891 27.70 1477.7  Back 00100 04.21 34.91 27.71 1478.2  Back 00100 04.11 34.92 27.71 1478.2  Back 00100 04.11 34.92 27.71 1478.2  Back 00100 04.11 34.92 27.71 1478.2  Back 00100 04.11 34.91 27.73 1480.4  Back 00100 04.11 34.91 27.73 1480.4  Back 00100 04.11 34.92 27.77 1460.5  Back 00100 04.11 34.99 27.74 1481.7  Back 00100 04.11 34.99 27.74 1481.7  Back 00100 04.21 34.91 27.75 1480.4  Back 00100 04.21 34.91 27.75 1480.4  Back 00100 04.21 34.91 27.77 1460.5  Back 00100 04.21 34.91 27.77 14	nes		- 0.54	33.771			1447.1							
\$10 00150 00.02 33.87 27.21 1450.4  085 00151 00.04 33.87 27.22 1459.4  185 00117 00.37 34.015 27.31 1452.5  085 00117 00.60 37 34.015 27.31 1452.5  086 00187 00.177 34.076 27.34 1453.6  087 00187 00.277 34.076 27.34 1453.6  087 00201 01.44 37.34 1454.6  087 00222 01.45 34.216 17.40 1458.5  088 00228 01.97 34.315 27.45 1461.1  088 00258 01.97 34.315 27.45 1461.4  088 00258 01.97 34.315 27.45 1461.4  088 00258 01.97 34.315 27.45 1461.4  080 00250 02.22 34.47 27.54 1464.3  081 00100 02.42 34.47 27.54 1464.8  083 00105 02.51 34.490 27.54 1464.8  084 00150 03.27 34.55 27.57 1466.8  085 00103 03.25 02.87 34.55 27.57 1466.8  086 00103 03.51 34.070 27.62 1470.7  087 00400 03.60 33.77 34.59 27.61 1469.1  087 00400 04.25 03.87 34.55 27.57 1466.8  088 00452 04.12 34.88 27.66 1472.9  088 00452 04.12 34.88 27.66 1472.9  088 00452 04.12 34.89 77.66 1472.9  089 00455 04.12 34.89 77.66 1472.9  080 00552 04.12 34.88 27.69 1476.0  085 00503 04.26 34.88 27.69 1476.0  085 00503 04.22 34.88 27.69 1476.0  085 00503 04.22 34.88 27.69 1476.0  085 00500 04.21 34.89 77.60 1477.7  085 00503 04.22 34.88 27.69 1476.0  085 00500 04.21 34.89 77.70 1477.7  085 00500 04.22 34.89 27.70 1477.7  085 00500 04.21 34.99 27.70 1477.7  085 00500 04.21 34.99 27.70 1477.7  085 00500 04.21 34.99 27.70 1477.7  085 00500 04.21 34.99 27.77 1478.2  085 00700 04.21 34.99 27.77 1478.2  085 00700 04.21 34.99 27.77 1478.2  085 00700 04.21 34.99 27.77 1479.2  085 00700 04.21 34.99 27.77 1479.3  085 00700 04.11 34.99 27.77 1479.3  085 00700 04.11 34.99 27.77 1479.3  085 00800 04.11 34.99 27.77 1479.7  085 00800 04.11 34.99 27.77 1488.7  085 00800 04.11 34.99 27.77 1488.7  086 00800 04.11 34.99 27.77 1488.7  087 00800 04.11 34.99 27.77 1488.7  088 00800 04.11 34.99 27.77 1488.7  088 00800 04.11 34.99 27.77 1488.7  088 00800 04.11 34.99 27.77 1488.7  088 00800 04.11 34.99 27.77 1488.7  089 00800 04.11 34.99 27.77 1488.7  080 00800 04.11 34.99 27.77 1488.7  081 00800 04.22 34.996 27.77 1488.7  081 00800 04.22 34.996 27.77 1488.7  081 00800 04.22 34.996 27.77 1488.7	STO		- 0.33	33.80	27.17		1448.2							
085 00151 00.04 33.877 27.22 1450.4  385 00177 00.37 34.015 27.31 1452.5  085 00177 00.60 34.005 27.34 1453.6  085 00177 00.60 34.005 27.34 1453.6  085 00200 01.44 34.10 27.39 1458.0  085 00200 01.45 34.016 27.45 1468.5  085 00200 01.55 34.216 27.45 1460.4  SID 00258 01.97 34.31 27.45 1461.1  085 00228 01.97 34.31 27.45 1461.1  085 00258 01.97 34.31 27.45 1461.1  086 00258 01.97 34.31 27.45 1461.1  087 00258 01.97 34.31 27.45 1461.1  087 00258 01.97 34.31 27.45 1461.1  087 00258 01.97 34.31 27.45 1461.1  088 00258 01.97 34.40 27.54 1464.3  088 00150 02.27 34.450 27.57 1466.8  085 00150 03.27 34.565 27.67 1466.8  085 00160 03.69 34.76 27.62 1470.7  STO 00400 03.69 34.76 27.62 1470.7  STO 00400 03.69 34.76 27.63 1471.8  085 00402 03.71 34.761 27.63 1471.8  085 00402 03.71 34.761 27.63 1471.9  085 00402 03.81 34.762 27.65 1472.9  085 00403 04.25 33.83 34.762 27.65 1472.9  085 00400 03.69 34.77 27.60 1475.4  085 00405 04.12 34.887 27.66 1475.4  085 00405 04.27 34.88 27.66 1475.4  085 00500 04.27 34.88 27.69 1475.4  085 00500 04.28 34.88 27.69 1476.0  085 00500 04.21 34.83 34.91 27.60 1477.7  085 00500 04.23 34.88 27.69 1476.0  085 00500 04.23 34.88 27.69 1476.0  085 00500 04.23 34.88 27.69 1476.0  085 00500 04.23 34.89 27.67 1475.4  085 00500 04.23 34.89 27.70 1477.7  085 00600 04.23 34.99 27.71 1478.2  085 00700 04.21 34.99 27.71 1478.2  085 00700 04.21 34.99 27.71 1478.2  085 00700 04.21 34.99 27.71 1478.2  085 00700 04.21 34.99 27.72 1479.3  085 00700 04.11 34.99 27.72 1479.3  085 00700 04.11 34.99 27.73 1480.4  085 00700 04.11 34.99 27.74 1481.0  085 00900 04.11 34.99 27.74 1481.0  085 00900 04.11 34.99 27.75 1481.0  085 00900 04.11 34.99 27.75 1481.0  085 00900 04.11 34.99 27.75 1481.0  085 00900 04.21 34.996 27.75 1481.0  085 00900 04.21 34.996 27.75 1481.0  085 00900 04.22 34.996 27.75 1481.5  085 00900 04.22 34.996 27.75 1481.5  085 00900 04.22 34.996 27.75 1481.5  085 00900 04.22 34.996 27.75 1481.5  085 00900 04.22 34.996 27.75 1481.5  085 00900 04.22 34.996 27.75 1481.5  085 00900 04.22 34.996 27.75 1481				33.920			1448.9							
185 00172 00.37 34.015 27.31 1452.5 185 00177 00.60 34.055 27.34 1453.6 185 00187 00.77 34.076 27.34 1459.6 185 00187 00.77 34.076 27.34 1459.6 187 00203 01.45 34.10 27.39 1458.0 188 00203 01.45 34.10 27.39 1458.0 188 00203 01.65 34.216 27.45 1458.5 189 00203 01.68 34.30 27.45 1469.4 181 00225 01.68 34.30 27.45 1469.4 181 00225 01.69 34.315 27.45 1469.4 181 00205 02.58 19.97 34.315 27.45 1469.4 181 00205 02.58 19.97 34.415 27.45 1469.4 181 00205 02.58 19.97 34.459 27.54 1464.8 181 00205 02.58 19.97 34.459 27.55 1469.4 181 00205 02.58 19.97 34.459 27.55 1469.4 182 00105 02.22 34.47 27.54 1464.8 183 00105 02.22 34.47 27.54 1464.8 183 00105 02.22 34.459 27.57 1466.8 185 00105 03.27 34.659 27.57 1466.8 185 00105 03.27 34.659 27.61 1469.1 187 00400 03.69 34.74 27.65 1470.7 187 00400 03.69 34.74 27.65 1471.8 188 00405 03.71 34.750 27.62 1470.7 189 00400 03.69 34.74 27.65 1471.8 189 00400 03.69 34.74 27.65 1471.8 189 00400 03.69 34.74 27.65 1471.8 189 00400 04.20 34.88 27.69 1476.0 189 00400 04.20 34.88 27.69 1476.0 189 00501 04.26 34.88 27.69 1476.0 189 00501 04.26 34.88 27.69 1476.0 189 00500 04.25 34.88 27.69 1476.0 189 00500 04.26 34.88 27.69 1476.0 189 00500 04.26 34.88 27.69 1476.0 189 00500 04.25 34.88 27.69 1476.0 189 00500 04.26 34.88 27.69 1476.0 189 00500 04.26 34.88 27.69 1476.0 189 00500 04.28 34.89 27.71 1478.2 189 00500 04.33 34.91 27.71 1478.2 189 00500 04.33 34.91 27.71 1478.2 189 00500 04.31 34.92 27.71 1478.2 189 00500 04.31 34.92 27.71 1478.2 180 00500 04.11 34.92 27.73 1480.4 180 00500 04.11 34.92 27.73 1480.4 180 00500 04.11 34.92 27.73 1480.4 180 00500 04.11 34.92 27.74 1481.0 180 00500 04.11 34.92 27.75 1481.9 180 00500 04.13 34.94 27.75 1481.9 180 00500 04.13 34.94 27.75 1481.9 180 00500 04.13 34.94 27.75 1481.9 180 00500 04.13 34.94 27.75 1481.9 180 00500 04.13 34.94 27.75 1481.9 180 00500 04.13 34.94 27.75 1481.9 180 00500 04.13 34.94 27.75 1481.9			00.02	33.87										
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\$10 00200 01.44 34.19 27.39 1458.0  935 00200 01.55 34.216 27.40 1458.5  936 00200 01.94 34.301 27.45 1461.1  936 00258 01.97 34.315 27.45 1461.4  936 00258 01.97 34.315 27.45 1461.4  937 00250 01.92 34.31 27.45 1461.4  938 00258 01.97 34.315 27.45 1461.4  938 00258 01.97 34.315 27.45 1464.3  938 00300 02.42 34.47 27.54 1464.3  938 00305 02.42 34.47 27.54 1464.3  938 00325 02.87 34.565 27.57 1466.8  938 00325 02.87 34.565 27.57 1466.8  938 00325 02.87 34.565 27.57 1466.8  938 00325 02.87 34.565 27.57 1466.8  938 00325 02.87 34.565 27.57 1466.8  938 00325 02.87 34.565 27.62 1470.7  938 00400 03.69 34.74 27.63 1471.8  939 00400 03.69 34.74 27.63 1471.8  939 00402 03.71 34.741 27.63 1471.9  938 00402 03.83 34.782 27.65 1472.9  938 00402 03.83 34.782 27.65 1472.9  938 00402 03.83 34.782 27.65 1472.9  938 00402 03.83 34.782 27.65 1472.9  938 00402 03.83 34.782 27.65 1476.0  938 00400 03.69 34.74 04.21 34.837 27.66 1476.6  938 00400 03.69 04.25 34.883 27.69 1476.0  938 00500 04.25 34.88 27.69 1476.0  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.88 27.69 1476.1  938 00500 04.25 34.89 27.77 1477.7  938 00500 04.25 34.89 27.77 1477.7  938 00500 04.25 34.89 27.77 1479.3  939 00500 04.25 34.89 27.77 1479.3  939 00500 04.25 34.89 27.77 1479.3  939 00500 04.25 34.89 27.77 1479.3  939 00500 04.21 34.91 27.77 1478.8  930 00500 04.21 34.91 27.77 1478.8  930 00500 04.11 34.91 27.77 1478.8  930 00500 04.11 34.91 27.77 1478.8  930 00500 04.11 34.91 27.77 1478.8  930 00500 04.11 34.91 27.77 1488.4  938 00500 04.11 34.91 27.77 1488.4  939 00500 04.11 34.91 27.77 1488.4  939 00500 04.21 34.91 27.77 1488.4  939 00500 04.11 34.91 27.77 1488.4  939 00500 04.21 34.91 27.77 1488.4  939 00500 04.21 34.91 27.77														
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1985   0.0275   0.2.12   34.433   27.53   1.462.6     1985   0.03.05   0.2.51   34.490   27.54   1.464.8     1985   0.03.25   0.2.87   34.565   27.57   1.466.8     1985   0.03.25   0.2.87   34.565   27.57   1.466.8     1985   0.03.25   0.2.87   34.565   27.57   1.466.8     1985   0.03.25   0.3.27   34.659   27.61   1.469.1     1985   0.03.20   0.3.27   34.659   27.61   1.469.1     1985   0.0400   0.3.69   34.74   27.63   1.471.8     1985   0.0400   0.3.69   34.74   27.63   1.471.9     1985   0.0402   0.3.81   34.782   27.65   1.472.9     1985   0.0402   0.3.81   34.782   27.65   1.472.9     1985   0.0407   0.4.21   34.857   27.67   1.475.4     1985   0.0503   0.4.25   34.88   27.69   1.476.0     1985   0.0503   0.4.26   34.883   27.69   1.476.1     1985   0.0503   0.4.26   34.883   27.69   1.476.1     1985   0.0500   0.4.33   34.914   27.70   1.477.7     1985   0.0500   0.4.36   34.92   27.71   1.478.2     1985   0.0600   0.4.36   34.92   27.71   1.478.2     1985   0.0600   0.4.37   34.923   27.71   1.478.3     1985   0.0600   0.4.21   34.915   27.72   1.478.8     510   0.0700   0.4.21   34.91   27.72   1.478.8     510   0.0700   0.4.21   34.92   27.72   1.478.8     510   0.0700   0.4.21   34.92   27.72   1.479.3     1985   0.0750   0.4.21   34.91   27.72   1.478.8     510   0.0700   0.4.21   34.92   27.73   1.480.4     1985   0.0607   0.4.21   34.91   27.72   1.479.3     1985   0.0750   0.4.21   34.91   27.72   1.479.3     1985   0.0700   0.4.21   34.92   27.73   1.480.4     1985   0.0607   0.4.21   34.91   27.77   1.478.8     510   0.0700   0.4.11   34.91   27.77   1.478.8     510   0.0700   0.4.11   34.91   27.77   1.478.8     510   0.0700   0.4.11   34.91   27.77   1.478.8     510   0.0700   0.4.41   34.97   27.74   1.481.0     1985   0.0057   0.4.21   34.935   27.74   1.481.0     1985   0.0057   0.4.21   34.905   27.74   1.481.0     1985   0.0059   0.4.23   34.940   27.75   1.481.0     1985   0.0090   0.4.41   34.97   27.77   1.481.0     1985   0.0090   0.4.41   34.97   27.77   1.481.0     1985   0.0090														
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785 00931 04-20 34.949 27.75 1483.0 185 00950 04.24 34.956 27.75 1483.5 188 00980 04-29 34-976 27-76 1484.3 510 01000 04-29 34-97 27.76 1484.6														
1185 00950 04.24 34.956 27.75 1483.5 1185 00980 04.29 34.976 27.76 1484.3 110 01000 04.29 34.97 27.76 1484.6			04.20	34.949										
stn 01000 04.29 34.97 27.76 1484.6	08.5	00950	04.24	34.956	27.75		1483.5							
				34-976										
URS 01005 04-58 34-441 54-45 1484-9														
	uRS	01335	04.25	34.411	(141)		. +04.0							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

LAT 45 LONG 047	0031 36 N 29 W	047	7H 04 11 12.3		1 BAR	TEMP 06-1 BULB 05-6 DMETR 1020-3 UO 1/4	20	HGT PER 3 3 R	7]0-07]6 092-07]6 70-07]6 53H7#36	12	TRAC	( STO REC CE DIR CTION CITP 110	00 - 3	5 2	EN SQ 1306 SQUARE 46 SQUARE 46 SQUARE 57
CA STNUM/	TIME	LVLTYP	DEPTH	TENP	SAL	SIGMA-T	DYNOPTH	SNO VEL	)XYG	P ] \$	† () T	NO2	ND3	\$133	Pri
		STD	00000	01.60	33.38	26.73	00.000	1454.3						J,	
	12.3	085	00002	01.60	33-379	26.73		1454.3							
		STO DBS	00010 00013	01.71 01.77	33.39	26.72	00.013	1454.9							
		085	00019	03.07	33.519 33.866	26.83 27.00		1455.4							
		STD	00020	03.56	33.91	26.98	00.025	1461.7							
		085 085	00024	05.06	34.029	26.92 +		1470.4							
		\$10	0002 <b>7</b> 00030	05.29 05.29	34.037 34.04	26.90 26.90		1471.4							
		STO	00050	05.27	34.07	26.93	00.037 00.060	1471.4							
		085	00073	05.24	34.102	26,96	00.000	1472.0							
		STD OBS	00075 00082	05.16	34.09	26.95	00.088	1471.7							
		DBS	00098	04.72 04.27	34.001 33.979	26.94 26.97		1469.9							
		STD	00100	04.02	34.02	27.03	00.115	1468.2							
		DBS DBS	00109	03.20	34.197	27.25		1464.2							
		085	00112	03.19 03.26	34.214 34.261	27.26		1464.2							
		OB \$	00121	03.65	34.464	27.29 27.42		1464.6							
		5 T D DB S	00125 00138	03.88	34.50	27.42	00.137	1467.7							
		012	00150	04.40 03-66	34.576 34.51	27.43 27.46		1470 - 2							
		085	00170	03.42	34.402	27.39 *	00.153	1467.2							
		085	00174	03.54	34.472	27.43		1467.1							
		085 085	00178 00187	03.71 03.50	34.431	27.39 •		1467.8							
		\$70	00200	03.88	34.427 34.54	27•40 27•45	00.186	1467.1							
		085	00200	03.91	34.545	27.46	00.146	1469.0 1469.2							
		085 \$70	00224 00250	04.64	34.689	27.49		1472.8							
		280	00251	04-65	34.78 34.784	27.56 27.57	00.216	1473 - 4							
		STD	00300	04-63	34.83	27.60	00.244	1473.4							
		08 S 08 S	00304 00318	04.80	34.856	27.61		1475.0							
		085	00330	05.21 05.21	34.943 34.950	27.63 27.63		1477.0							
		280	00351	05.13	34.951	27.64		1477.2							
		085 \$10	00381 00400	05-07	34 • 95 9	21.66		1477.5							
		280	00405	05.09 05.09	34.98 34.979	27.67 27.67	00.294	1477.9							
		DBS	00425	05.09	34.992	27.68		1478.0 1478.4							
		085 085	00451	05.06	35.006	27.69		1478.7							
		STO	00499 00500	04.97 04.97	35.011 35.01	27.71 27.71	00.140	1479.1							
		085	00526	04-89	35.000	27.71	00.342	1479 - 1							
		08 S DB S	00551 00574	04.80	34.996	21.72		1479.3							
		085	005 99	04.77 04.64	34.994 34.987	27.72 27.73		1479.5							
		510	00600	04.64	34.99	27.73	00.387	1479.4							
		08 S 08 S	00648	04.58	34.985	27.73		1480.0							
		012	00676	04.48 04.47	34.976 34.97	27-74	00 (3)	1480.0							
		088	00702	04.47	34.974	21.14 21.74		1480.4							
		ე85 ე85	00731	04.40	34.980	27.75		1480.6							
		DAS	00749 00776	04.38 04.30	34.974 34.963	27.15 27.75		1480-8							
		DBS	0079A	04.26	34.961	21.15		1480.9 1481.1							
		570 085	00800	04-26	34.96	21.75		1481.1							
		085 085	0084R 00873	04.23 04.19	34.957 34.955	27.75		1481.8							
		510	00900	04.22	34.95	27.75 27.75		1482.0 1482.6							
		280	00901	04.22	34.963	27.75		1482.6							
		085 085	00930 00956	04.15 04.12	34.956	27.76		1482.8							
		510	01000	04.04	34.949 34.94	27.75 27.76		1483.1 1483.5							
		0B S	01003	04.03	34.943	27.76		1483.5							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296, Continued

HEFIN 31 H234 CUNSEC 1032 LAT 45 25 N LONG 047 01 H	T/CP YAC	1972 H 04 11 14+9	80 TOP 02776 SHIP FV DATA USE 1 4FER 05			OTR HI 20 SEA CL/TR	ST PER	#14D=918 #14D=90 #14O=F38 #14D=8		TRAC ASUG	STO REC FORM TION TION II:	01.4	5 2	RAUGS PAUGS PAUGS PAUGS	E 46
CASTANAALTAL	1 AF LAS	нгези	TEMP	SAL	51.,44-1	DYNOPTH	5NO Ac1	)XYG	P 14	TOT P	402	NO3	\$133	PΗ	
14.9	510 165	00000	06.85 06.35	34.27	25.98 25.88	22.300	1477.5								
• • •	AB2	00004	06.81	34.260	26.88		1477.5								
	STO	00350	06.84 06.84	34.28 34.32	26.90 26.92	00.012	1477+6								
	18.5	00025	04.85	34.340	26.94		1478.0								
	185 510	00324	07.06	34.4H5	27.03	00.034	1479.1								
	510	00050	0 R • 1 5	34 • 6B	27.02	00.055	1493.9								
	\$10 185	00075	08.8% 08.88	34.83	27.02 27.02	09.082	1487.3								
	085	00099	08.93	34.857	21.04		1487.9								
	51 n 185	00100	08.91 08.84	34.94 34.830	27.03 27.03	00.108	1487.8 1487.6								
	7R S	00104	00.65	34.H2H	27.06		1486.9								
	785 785	00108	08.38 08.26	34.854 34.841	27•12 27•13		1486.0								
	185	00117	08.13	34.934	27.14		1485.1								
	785 1385	00150	08.10 08.29	34.861 34.925	27.17 27.19		1485-1								
	STD	00125	08+32	34.95	27.20	00.133	1486.1 1486.3								
	205	00125 00128	08.36 08.61	34.956 35.001	21.20 21.20		1487.4								
	785 785	00131	08.71 08.05	34.983 34.832	21.17 * 21.15		1487.8 1485.2								
	510	00150	07.90	34 • 8 3	27-18	00.156	1484.9								
	ilBS iJBS	00151 00156	07.88 08.03	34.829 34.866	27.LB 27.18		1484.7								
	38 S	00159	07.93	34.875	21.21		1485 - 1								
	)85 085	00162	07.74 07.19	34.849	27.21 27.26		1484-4								
	HAS	00183	07.19	34.850	21.29		1482.6								
	∃as Sto	00197	06 • 88 06 • 72	34 • 786 34 • 75	21.29 21.28	00.200	1481.5								
	IRS	00200	06.70	34 • 743	21.28	0.100	1480.8								
	ORS	00206 00212	06.65 06.46	34.794 34.773	27.33 27.33		1480.8								
	OBS	00225	06.03	34.725	27.35	00 110	1478.5								
	385	00250 00250	05.86 05.86	34.75 34.750	21.39 21.39	00.239	1478.3								
	0B \$	00253	05.86	34.797	27.43		1478.4								
	785 280	00259 00262	06.41 06.56	34.921 34.922	27.46 21.44		1480.9 1481.5								
	08.5 08.5	00272	06-55 06-68	34.938 35-001	21.45 27.48		1481.7								
	185	16500	06.79	35.000	27.47		1482.8								
	085 \$10	00300	06.33 06.33	34.926 34.94	27.47 21.48	00.273	1481.2 1481.2								
	18.5	00302	06.32	34.962	27.50		1481.3								
	785 785	00339	05.85 05.65	34.878 34.848	27.50 27.50		1479.4								
	280	00324	05.69	34.873	27.51		1479 - 0								
	ORS	00350	05•59 05•22	34.896 34.889	27.54 27.58		1479.0								
	012	00400	05.16	34.90	27.60	00.333	1478.1								
	085 085	00401	05.15 04.62	34.903 34.962	27.60 27.63		1476.4								
	⊕8.5 ⊕8.5	30450 00457	04.60	34.905 34.909	27•67 27•65		1476.7								
	าคร	00477	04.50	34.891	27.67		1476.7								
	510 385	00500	04.49	34.90 34.906	27.68 27.68	00.385	1477.0								
	385	00523	04.49	34.925	27.70		1477.4								
	985 085	00533	04.51 04.41	34.932 34.925	27.70 27.70		1477.7								
	TRS	00573	04.37	34.924	27.71		1477.8								
	385 \$10	00599	04.52 04.51	34.952 34.95	27.71 27.71	00.432	1478.8 1478.8								
	085 085	00624	04.42	34.940 34.953	27.71 27.73		1478.8 1479.2								
	0.85	00673	04.28	34.939	27.73		1479.1								
	510 085	00703	04.19 04.18	34.92 34.924	27.73 27.73	00.477	1479.1 1479.1								
	ORS	00725	04.17	34.925	27.73		1479.5								
	185	00757	04.19	34.934	27.74		1480 • 0								
	210	3000)	04.19	34.12	27.73	20.522	1440.3								
	39.5 79.5	00004	04.19	14.922 34.938	27.73		1430.9								
	2.60	00477	23.94	34.716	27.74		1481.2								
	510 085	16903	04.00 04.01	34.33	21.15	00.569	1482.1								
	18.5	00924	114.07	34.932	21.15		1492.4								
	085 085	00955	04.05	34.931 34.931	27.75		1492.9 1483.4								
	SEO	01000	04.03	34.93	21.15 21.15	00-513	1483.4								
	785	71705	4.02	34.331	/ ( • ( ?		F403 # 3								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REE10 31 8296	YEAR	1972	80 TOP 03146	ALP T	EMP 09.4	018 8	ST PER	AIC-ONIM	34	LAICT	STO REC	. Aa ne n	7.0	n 50 1337
CONSEC 0033	40414	04	SHIP EV	WET B	ULB 08.3	27	4 3	411D-52D		TRAC	E 019	1	5	5049F 4
LAT 45 15 N LONG 046 44 W	DAY HOUR	11 17-1	OATA USE 1 ABEA 05	CLOUD	ETR 1020.7	SEA CL/TB		HEATHER	٧1	OURA	710N - 11P - 110	00.3		SQUARE 46 SQUARE 56
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGNA-T	Оүмпртн	SNO VEL	DYYG	P 14	101 P	432	103	5113	P4
	510	00000	11.33	35.23	26-91	00-000	1495.4							
17.1	28g 510	00000 00010	11.33 11.22	35,228 35,20	26.91 26.91	00.012	1495.4							
	510	00020	11-10	35.L8	26.92	00.023	1494.9							
	085 085	00020 00028	11.10 09.56	35.180 34.885	26.92 26.96		1494.9 1489.1							
	ST0 085	00030 00031	09.49 09.38	34.86 34.819	26.95 26.93	00.034	1488.8 1488.4							
	OB S	00046	09.23	34.825	26.96		1468.1							
	985 510	00049 00050	09.13 09.09	34,777 34,78	26.94 26.95	00.057	1487.7 1487-6							
	ეჩ 5 ეგ 5	00051	08.99	34.799	26.98		1487.3							
	085	00064	09.05 08.80	34-857 34.791	27.02 27.01		1487-7							
	085 510	00070	08.79 08-61	34.790 34.75	27.01 27.00	00.084	1486.8							
	085	00075	08.59	34 - 74 7	27.01	00.00	1486.1							
	085	00083	07.97 07.30	34.647 34.499	27.02 27.00		1483.7							
	510	00100	07.30	34.50	27.00	00.111	1481.2							
	085 510	00105 00125	07.12 07.01	34.572 34.54	27.09 27.08	00.137	1480.7							
	085 085	00125 00142	07.01 07.63	34.542 34.731	27.08 27.14		1480 - 6							
	085	00145	07.69	34.737	27.13		1483.8							
	STO ORS	00150 00151	08.46 08.55	34.92 34.942	27.16 27.16	00.162	1487.0							
	085	00156	08.63	34.911	27.13 •		1487.8							
	085 085	00159 00165	08.55 08.10	34.886 34.812	27.12 27.13		1487.5							
	085 085	001 75 001 95	07.95 07.95	34.825 34.861	27-16		1485.4							
	085	00197	07.83	34.827	27.19 27.18		1485.8							
	51 <u>0</u> 085	00200 00200	07.81 07.80	34.87 34.877	27.22 27.23	00-208	1485.3							
	085 085	00203	07.91	34.897	27.23		1485 - 8							
	085	00223 00235	07.37 07.27	34.825 34.818	27.25 27.26		1483.9							
	085 085	00241 00248	06.99 06.85	34.778 34.760	21.27 21.27		1482.7							
	510	00250	06.79	34.77	27.28	00.251	1482.0							
	085 085	00257 00260	06.71 06.81	34.794 34.875	27.32 27.37		1481.9							
	085 085	00274 00297	06.96	34 - 879	27.35		1483.2							
	510	00300	07.51 07.40	35.015 34.99	27.38 27.38	00.291	1485.9 1485.5							
	08 2 08 2	00300 00306	07.39 07.23	34.992 34.950	27.38 27.37		1485.5							
	085	00309	07.07	34.899	27.35		1484 · 3							
	085 085	00312 00324	06.81 05.01	34.858 34.639	27.35 27.41		1483.2							
	085 085	00327 00333	04.99 05.22	34.695 34.722	27.46 27.45		1476.0							
	085	00344	05+61	34 • 796	27.46		1477.0 1478.9							
	08\$	00350 00357	05.40 05.29	34.751 34.808	27.45 27.51		1478.1 1477.8							
	085 085	00359 00366	05.36 05.70	34.826 34.891	27.52		1478.2							
	085	00375	05.73	34.886	27.53 27.52 27.57		1479.8							
	\$10 085	00400 00400	05.84 05.84	34.97 34.974	27.57 27.57	00.358	1481 -0							
	n85 n85	00427 00448	06-33	35.057	27.58		1483.5							
	₽85	00474	06.27 06.01	35.086 35.033	27.61 27.60		1483.7							
	510 280	00500 00500	05-08 05.07	34.93 34.925	27.63 27.63	00.414	1479.5							
	N85	00525	04.76	34-920	27.66		1478.6							
	085 085	00551 00575	05.17 05.00	34.995 34.974	27.67 27.68		1480.8							
	5 T N 0 8 S	00600 00604	04.90 04.89	34.98 34.977	27.69 27.69	00.465	1480.5							
	085	0062B	04.87	34.970	27.69		1480.8							
	785 085	00653 00675	04.93 04.98	35.009 35.013	27.71 27.71		1481.5 1482.1							
	STO	00700	04.77	34.98	27.71	00.513	1481 • 6							
	OBS ⊎BS	00702 00723	04 • 76 04 • 67	34.983 34.982	27.71 21.72		1481.6							
	0.95 0.65	00749	94.63	34.978	21.72		1481-9							
	385	00799	04.62	34.990 34.989	21.73 21.73		1482.3 1482.6							
	510 285	00900	04-61 34.52	34.99 34.984	27.73 27.74	00.559	1482.6							
	085	00851	04.49	34.987	21.74		1483.0							
	785 085	0 0 1 7 6 0 0 8 9 9	04.46	34.984 34.987	21.15		1483.2 1483.5							
	STn aBs	00900	04.43	34.99	27.75	00.605	1483.5							
	<b>185</b>	00954	04.42	34.986 34.970	21.15		1483.9 1483.9							
	085 510	00982 01000	04.23	34.967 34.97	27.75 27.76	00.650	1484.1 1484.3							
	184	01013	04.22	34.964	27.16		1484.5							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972; 18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

CONSEC 0034 1	YFAR 1972 HUYTH 04 DAY 11 HUUR 23.2	9010P 03457 SHIP EV JATA USE 1 AKEA 05	AIR T WET F HAROV CLOUP	ULB 07.2 ETR 1016.6		GT PER 4 3	RTC-0715 092-0715 RC3-0715 RC3-0715	2)	TRACE OJRAT	5#0 ₹60   D]A   DN   I]P   110	01.5	5 2	N SO 1 SOJARC SJOARE SOJARE	2 46
CASTNOM/TIME LVL	түр перты	7 E M P	<b>ج</b> ۵ ز	STGMA-T	OYNOPTH	SND VFL	)XYG	p 14	101 P	NOZ	403	5173	P-4	
51		11.55	35.28	26.91	00.000	1496.3								
21.2 085 51		11.56	35.279 35.28	26.91 26.91	00.012	1496.4								
18.1 5.1		11.59	35.29B 35.30	26.92 26.92	00.023	1496.6 1496.7								
181	00026	11.57	35.296	25.92		1496 • 8								
S'		11.59 11.60	35.32 35.326	26.93 26.94	00.034	1497.0								
5° 08°	00050	11.67	35.33 35.334	26.93 24.93	00.057	1497.6 1497.6								
na*	3 00066	11.63	35.328	26.93		1497 - 7								
. 2 • AL		11.61 11.59	35.33 35.313	26.94 26.93	00.086	[497.8 1497.8								
S.'		11-24	35.23 35.220	26.92 26.93	00.115	1496.9								
ባዛ፣	00106	11.22	35.170	25.93		1495.9								
(19) S		10.4+ 10.40	35.050 35.04	26.93 26.94	00.144	1494.1 1493.9								
ាន'	00129	10.13	34.997	26.95 26.97		1493.0								
ე <b>გ</b> - ეგ-		09.54 09.42	34.904 34.921	27.01		1490 • 5								
ጣ <u>ብ</u> \$		09.42	34.925 34.92	27.01 27.02	00.172	1490.6								
n gi	00155	09.09	34.865	27.02	*****	1489.4								
18C		09.93 09.90	34.804 34.843	27.00 27.03		1488.8								
ា <u>ម</u> ក្រុង:	00175	09.99 09.22	34.959 34.935	27.03 27.05		1489.4								
വദ	5 00139	09.61	35.077	27.10		1492.3								
S.		09.61	35.08 35.096	27.10 27.13	00.224	1492.3 1492.2								
38. 38.	00213	09.51	35.091	27.13 27.13		1492 • 2 1490 • 5								
U81	5 00249	09.63	34.99B 34.954	27.16		1489.3								
\$ 1181		08.53 08.27	34.95 34.953	27.18 27.22	00.273	1489.0 1488.1								
Da:	5 00230	07.44	34 - 830	21.24		1485.1								
28: \$		07.13 06.87	34.901 34.60	27.26 27.30	00.318	1484.1 1483.2								
า <del>ล</del> : กล		06.62 07.56	34.789 35.069	27.33 27.41		1482.6 1487.1								
38	5 00379	07.45	35.078	21.44	00 104	1487.1								
S GR		07.17 37.16	35.07 35.070	21.47 21.47	00.394	1486.4								
	5 00403	07.12 05.84	35.053 34.865	27.46 21.49		1486.2 1481.2								
กุล	5 00422	05.73	34.862	21.50		1480.8								
49 40		05.82 05.92	34.92 <i>1</i> 34.935	27.54 27.53		1481.3 1481.8								
∩8 ⊕9		05.82 05.47	34.91 <i>2</i> 34.850	27.53 27.52		1481.5 1480.1								
D8	5 00465	04-35	34.727	27.55		1475.6								
าห " <del>อ</del>		04.39 04.53	34.752 34.782	27.57 27.58		1475 - 8 1476 - 6								
8 08	5 00483	04.54	34.790 34.809	27.58 27.60		1476.9								
5	TD 00500	04.61	34.82	27-60	00.456	1477.4								
38		04.97 34.92	34.881 34.884	27.61 27.61		1479.1								
)9 -18		04.50	34.835 34.849	27.62 27.65		1477.8								
∩ 9.	5 00593	04.47	34.870	21.66	00.500	1478.2								
, b	TO 00600 S 00637	04.55 05.30	34.99 34.975	21.66 21.68	00.509	1478 - 9								
□8 ○ R		04.98 04.91	34.478 34.970	21.68 21.68		1481.7								
L (8*	\$ 005 88	04.83	34.969	27.69		1481.6								
na S	5 00591 10 00700	04.84 04.80	34.974 34.97	21.69 21.69	00+55R	1481.7								
ក្នុង លួក		04.78	34.965 34.764	21.69 21.10		1481.7 1481.9								
JЯ	5 00785	04.57	34.954	27.71	20 407	1482+1								
۶ ۱۹	το 00±00 ς 00ΑΟ1	04.53 04.53	34.95 34.751	21.11 21.11	00.607	1482.2 1482.2								
78	5 0.0037	34.45	34.747	21.12 21.12		1482.6								
	10 30000	04.41	34.16	27.73	00.655	1481.0								
i B.		04-43	34.157	21.13		1483.5								
18	5 00957	04.34	34. +55	21.14 21.14		1484.1								
	4.0 01000	04.32	34 - 45 7	21.14	00.702	1484.7								
r-8 /A		94.31 94.13	34.962 34.961	21.14		1485.3								
,	. 3,331													

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

245Th prilive (VLIVD 16P14   TEMP   SAL SISMA-I DEVICED   SNO VEL DATG   P15 Int P   NOZ   NOJ   S133   P4    25.6 (AS 0.0044   00.24   14.72   26.87   00.000   1487.4	PERID 31 CONSEC CAT 44 EIN, 047	8296 0035 12 N	M⊕4T ∂ΔY	1972 - 04 - 12 - 05+6	BOTOP 03332 SHIP EV DATA USE 1 AREA 05				ეТ РЕД В З	AINO-DIA WINO-SPO WINO-F JA WENTHER	?)	TRACE DURAT		00.3	5	N SQ I BRAUQZ BRAUÇZ BRAUQZ	46
198.   0.0014	245 T 4 JM	/1105	£ <b>V</b> E <b>T</b> ∀ P	DEPTH	TEMP	s <b>a</b> t	S LSMA -T	OYNDETH	SNO VEL	DXY G	P )4	INT P	NO2	NO3	\$133	94	
STD 00011 C9, 28 14-72 24-88 00-012 1487-6  STD 00120 09-23 34-72 25-889 00-027 1487-6  STD 00120 09-01 34-73 25-89 00-027 1487-0  ORS 00020 09-01 34-73 25-89 00-027 1487-0  ORS 00020 09-01 34-73 25-89 00-027 1487-0  ORS 00049 08-03 34-51 24-89 00-03 1487-1  ORS 00049 08-03 34-51 24-89 00-03 1487-1  ORS 00049 08-11 34-722 26-90 1487-3  ORS 00049 08-12 34-56 26-93 01-059 1487-4  ORS 00049 08-12 34-56 26-93 01-059 1487-4  ORS 00049 08-13 34-56 26-93 01-059 1481-6  ORS 00049 08-12 34-551 26-97 1484-6  ORS 00049 08-12 34-551 26-97 1484-6  ORS 00010 07-56 34-56 27-12 00-0111 1482-6  ORS 00110 07-57 34-551 26-97 1482-6  ORS 00110 07-57 34-551 26-97 1482-6  ORS 00110 07-59 34-56 27-12 00-113 1480-0  ORS 00110 07-70 34-65 77-71 00-113 1480-0  ORS 00110 08-71 34-059 77-72 11 1470-0  ORS 00110 08-71 34-06 77-72 10-013 1470-0  ORS 00110 08-71 34-06 77-72 10-013 1470-0  ORS 00170 08-45 34-69 77-72 10-013 1470-0  ORS 00177 08-69 34-14 08-09 77-72 10-013 1470-0  ORS 00177 08-69 34-05-74 34-09 77-72 10-013 1470-0  ORS 00177 08-74 34-74 77-74 00-013 1470-0  ORS 00177 08-74 34-74 77-74 1470-0  ORS 00177 08-74 34-74 77-74 1470-0  ORS 00177 08-74 34-74 77-74 1470-0  ORS 00177 08-74 74			SID	20302	09.23	34.72	26.87	00.000	1487.4								
\$10		05.6			09.29	34.720	26.87		1487.5								
\$17 00070 0.00,00 34,70 25,887 0.00,02 1487.0  985 00022 0.00,00 34,609 25,887 1487.0  985 00010 0.00,00 34,609 25,887 1487.0  985 00010 0.00,00 34,609 25,887 1487.0  985 00010 0.00,11 34,722 25,00 0.00,13 1487.1  985 000000 0.00,13 34,60 25,00 0.00,13 1487.1  985 000000 0.00,13 34,612 25,94 1488.6  985 000000 0.00,13 34,612 25,94 1488.6  985 00011 0.00,15 0.00,23 34,551 25,98 0.00,05 1487.3  985 00110 0.00,25 0.00,20 34,60 25,98 0.00,05 1488.6  985 00110 0.00,25 0.00,20 34,551 25,98 0.00,05 1488.6  985 00110 0.00,25 0.00,20 34,551 25,98 0.00,05 1488.6  985 00110 0.00,25 0.00,20 34,551 25,98 0.00,05 1488.6  985 00110 0.00,25 0.00,20 34,551 25,98 0.00,05 1488.6  985 00110 0.00,25 0.00,20 34,551 25,98 0.00,05 1488.6  985 00110 0.00,25 0.00,20 34,551 27,00 0.00,114 1482.2  985 00110 0.00,25 0.00,20 34,551 27,10 0.00,114 1482.2  985 00110 0.00,25 0.00,20 34,657 27,11 0.00,112 1480.0  985 00117 0.00,20 35,27 34,657 27,21 0.00,112 1480.0  985 00117 0.00,20 35,27 34,657 27,21 0.00,12 1480.0  985 00117 0.00,20 35,27 34,74 27,27 0.00,12 1470.8  985 00117 0.00,40 0.00,40 34,500 27,33 1475.1  986 00177 0.00,40 0.00,40 34,500 27,33 1477.6  987 00100 0.00,40 34,500 27,34 10.00,239 1476.2  988 00271 0.00,88 34,60 27,51 10.00,239 1476.2  988 00271 0.00,88 34,60 27,51 10.00,239 1476.2  988 00271 0.00,88 34,60 27,51 10.00,239 1476.2  988 00271 0.00,88 34,60 27,51 10.00,239 1476.2  988 00271 0.00,88 34,60 27,51 10.00,239 1476.2  988 00271 0.00,88 34,60 27,51 10.00,239 1476.0  988 00271 0.00,88 34,60 27,51 10.00,239 1476.0  988 00271 0.00,88 34,60 27,51 10.00,239 1476.0  988 00271 0.00,88 34,60 27,51 10.00,239 1476.0  988 00271 0.00,88 34,60 27,51 10.00,239 1477.6  988 00271 0.00,88 34,60 27,51 10.00,239 1477.6  989 00110 0.00,88 34,60 27,51 10.00,239 1477.6  989 00110 0.00,88 34,60 27,51 10.00,239 1477.6  989 00110 0.00,88 34,60 27,71 10.00,239 1477.6  989 00110 0.00,88 34,60 27,71 10.00,239 1477.6  989 00110 0.00,88 34,60 27,71 10.00,239 1477.6  989 00110 0.00,88 34,60 27,71 10.00,89 11.00,89 11.00,89 11.00,89 11.00,89 11.00,89			STD	00017	09.28	34.72		00.012									
1965   0.0022   0.9.00   34.669   26.87   1487.0     1975   1487.1   1487.3   1487.1     1985   0.0017   0.9.11   34.722   26.90   1487.3     1985   0.0017   0.9.11   34.722   26.90   1487.3     1985   0.0017   0.9.16   34.541   76.97   1487.3     1985   0.0017   0.9.16   34.541   76.97   1487.3     1985   0.0017   0.9.16   34.551   26.94   1484.7     1985   0.0017   0.9.13   34.558   26.94   1484.7     1985   0.0017   0.9.13   34.558   26.94   1484.7     1985   0.0017   0.9.13   34.651   26.98   0.9.087   1484.6     1985   0.0017   0.9.15   34.651   26.98   0.9.087   1482.1     1985   0.0017   0.9.15   34.651   26.98   0.9.087   1482.1     1985   0.0013   35.72   34.572   77.00   0.9.114   1482.2     1986   0.0013   35.72   34.572   77.00   0.9.114   1482.2     1986   0.0013   35.72   34.652   77.13   1489.9     1987   0.0140   0.6.70   34.657   77.21   0.9.123   1489.9     1987   0.0140   0.6.70   34.657   77.21   0.9.123   1489.9     1988   0.0017   0.9.71   34.653   27.20   0.9.124   1489.9     1988   0.0017   0.9.71   34.653   27.20   0.9.124   1489.9     1988   0.0017   0.9.73   34.653   27.20   0.9.124   1479.8     1988   0.0017   0.9.73   34.653   27.20   0.9.124   1479.8     1988   0.0017   0.9.73   34.653   27.20   0.9.124   1479.8     1988   0.0017   0.9.79   34.653   27.21   0.9.126   1479.8     1988   0.0017   0.9.79   34.653   27.14   0.9.29   1477.2     1985   0.0017   0.9.79   34.653   27.14   0.9.29   1477.2     1985   0.0017   0.9.79   34.653   27.14   0.9.29   1477.2     1985   0.0017   0.9.79   34.653   27.14   0.9.29   1477.2     1985   0.0017   0.9.79   34.653   27.14   0.9.29   1477.2     1985   0.0017   0.9.79   34.653   27.14   0.9.29   1477.2     1985   0.0017   0.9.79   34.653   27.74   0.9.29   1477.2     1985   0.0017   0.9.79   34.653   27.75   0.9.18   1479.6     1985   0.0017   0.9.79   34.653   27.75   0.9.18   1479.6     1985   0.0017   0.9.79   34.654   27.75   0.9.18   1479.6     1985   0.0017   0.9.79   34.653   27.71   0.9.18   1479.6     1985   0.0017   0.9.79   34.67			085	30312													
\$10         20330         99.09         34.69         26.88         00.035         1487-1           PAS         00040         00.10         34.541         26.90         1487-3           STU         00350         08.10         34.541         26.92         00.059         1481-4           STU         00350         08.113         34.558         26.92         1581-6         1481-6           OBS         00371         03-13         34.558         26.92         1581-6         1481-6           OBS         00371         03-13         34.558         26.92         1581-6         1684-7           OBS         00371         03-13         34.558         26.92         1684-2         1684-2           OBS         00715         01.25         34.651         25.98         00.007         1481-6           STO         00110         01.55         34.551         26.97         00.011         1482-6           STO         00110         01.55         34.551         27.09         00.011         1482-6           STO         00110         01.55         34.65         27.19         00.111         1482-6           STO         00125         06.83			517	00020				00.024									
985 00019 09-11 34-722 26-90 14-87-3 1885 00049 08-06 34-541 26-97 1810 00050 08-06 34-561 26-97 1810 00050 08-10 34-56 76-99 01-059 14-81-6 1810 00050 08-30 34-56 76-99 01-059 14-81-6 1811 00050 00071 03-10 34-56 76-99 14-81-6 1812 00071 03-10 34-56 76-99 14-81-6 1812 00071 03-10 34-56 76-99 14-81-6 1813 00071 03-10 34-56 76-99 14-81-6 1815 00071 03-17-7 34-55 76-99 14-81-6 1815 00071 03-17-7 34-55 76-99 14-81-6 1815 00071 03-17-7 34-55 76-99 14-81-6 1815 00071 03-17-7 34-55 76-99 14-81-6 1815 00071 03-17-7 34-55 76-99 14-81-6 1815 00071 03-17-7 34-65 77-21 14-79-6 1815 00150 06-13 34-65 76-7-21 14-79-6 1815 00150 06-13 34-65 76-7-21 14-79-6 1815 00150 06-13 34-65 76-7-21 14-79-6 1815 00150 06-13 34-65 76-7-21 14-79-6 1815 00150 06-13 34-65 76-7-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-13 34-65 77-21 14-79-6 1815 00150 06-14 34-65 77-21 14-79-6 1815 00150 06-14 34-65 77-21 14-79-6 1815 00150 06-14 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-65 77-21 14-79-6 1815 00170 06-15 34-79-21 14-79-6 1815 00170 06-15 14-79-6 1815 00170 06-15 14-79-6 1815 00170 06-15 14-79-6 1815 00170 06-15 14-79																	
Page								00.035									
STU 00357 09-10 34-56 26-93 00-059 14-94-7 1-94-6 1-94-7 1-94-6 1-94-7 1-94-6 1-94-7 1																	
085 00064 08.3) 38.612 27.96 1.68.7  085 00071 03.12 33.13 36.58 26.92 1.68.6  510 00071 03.275 33.651 25.98 00.081 1.88.6  510 00071 03.275 33.651 25.98 00.081 1.88.6  510 00071 03.77 33.551 26.97 01.18.8  510 0013 36.92 37.78 34.551 26.97 01.18.8  081 00103 36.92 37.78 34.551 26.97 01.18.8  081 00103 36.92 37.03 1.48.9  083 00110 36.77 36.56 77.19 01.31 1.48.9  315 00110 36.77 36.65 77.19 01.31 1.48.0  185 00110 36.77 38.65 77.19 01.31 1.48.0  185 00117 05.42 36.56 27.21 00.162 1.48.0  385 00117 05.42 36.55 27.33 1.475.1  385 0017 05.42 36.55 27.33 1.475.1  385 00177 05.28 36.55 27.37 00.70 1.477.0  387 0020 35.97 36.76 27.37 00.70 1.477.0  388 0027 05.28 36.55 27.39 1.475.1  389 0020 35.97 36.76 27.37 00.29 1.477.0  380 0020 35.97 36.76 27.37 00.29 1.477.0  381 0020 35.97 36.65 27.39 1.475.1  381 0020 35.97 36.65 27.39 1.475.1  382 0020 35.97 36.65 27.39 1.475.1  383 0020 35.97 36.65 27.39 1.477.0  384 0020 35.97 36.65 27.39 1.477.0  385 0020 00.49 36.65 36.65 27.39 1.477.0  386 0020 00.49 36.65 36.65 27.39 1.477.0  387 0020 35.97 36.65 36.49 1.472.6  388 0020 00.49 36.65 36.49 1.472.6  388 0020 00.59 36.49 36.49 1.472.6  389 0020 00.59 36.49 36.49 1.472.6  380 0020 00.59 36.49 36.49 1.472.6  381 0020 00.59 36.49 36.49 1.472.6  381 0020 00.59 36.49 36.49 1.472.6  381 0020 00.59 36.49 36.49 1.472.6  382 0040 00.55 1 36.49 1.75 1.477.4  383 0040 00.50 00.90 35.90 36.90 36.90 27.51 1.477.4  384 0040 00.50 00.90 35.90 36.90 36.90 27.51 1.477.4  385 0060 00.50 00.90 35.90 36.90 37.90 27.51 1.477.4  386 0060 00.50 00.90 35.90 36.90 37.90 27.51 1.481.2  387 0060 00.50 00.90 35.90 36.90 37.90 27.51 1.481.2  388 0060 00.50 00.90 35.90 36.90 36.90 27.51 1.481.2  389 0060 00.50 00.90 35.90 35.90 37.70 1.481.3  381 0060 00.50 00.90 35.90 35.90 37.70 1.481.3  381 0060 00.50 00.90 35.90 35.90 37.70 1.481.3  381 0060 00.50 00.90 35.90 35.90 37.70 1.481.3  381 0060 00.50 00.90 35.90 35.90 37.70 1.481.3  381 0060 00.50 00.90 36.90 36.90 37.90 27.70 1.481.3  382 0060 00.50 00.90 36.90 36.90 37.90 37.70 1.481.3  383 0060 00.50								00.050									
085 00711 03.10 34.558 26.92 168.2  985 00717 03.275 08.24 34.651 25.98 168.6  S10 00715 08.24 34.651 26.97 168.1  S10 00715 08.24 34.651 27.00 00.114 168.1  S10 00103 07.55 34.551 27.00 00.114 168.1  O85 00714 07.77 34.567 27.00 00.114 168.1  O85 00105 04.71 34.657 27.00 00.114 168.2  S10 00105 04.71 34.657 27.00 00.114 168.2  S10 00105 04.71 34.657 27.10 00.103 1680.0  S10 00105 04.71 34.657 27.10 00.102 1680.0  O85 00105 04.51 34.652 27.21 00.102 1680.0  O85 00105 04.51 34.652 27.21 00.102 1680.0  O85 00107 05.42 34.652 27.31 1477.8  S10 00105 04.51 34.452 27.31 1477.8  O85 00105 04.51 34.455 27.31 1477.8  S10 00105 04.51 34.455 27.31 1477.8  S10 00105 04.51 34.455 27.31 1477.8  S10 00105 04.51 34.455 27.41 00.239 1474.2  O85 00206 04.49 34.652 27.41 00.239 1474.2  O85 00207 05.28 34.455 27.41 00.239 1474.2  O85 00207 05.28 34.455 27.41 00.239 1474.2  O85 00209 05.83 34.999 27.44 1472.6  O85 00209 05.83 34.999 27.44 1472.6  O85 00209 05.84 34.999 27.44 1472.6  O85 00209 05.84 34.999 27.45 1474.4  O85 00209 05.84 34.999 27.45 1474.4  O85 00209 05.84 34.990 27.51 00.277 1474.4  O85 00409 05.41 35.011 27.65 1480.4  O86 00609 05.51 34.990 27.51 00.277 1474.4  O86 00609 05.51 34.990 27.51 00.277 1474.4  O86 00609 05.51 34.990 27.51 00.277 1474.4  O86 00609 05.51 34.990 27.51 00.277 1481.3  O86 00609 05.51 34.990 27.70 1481.3  O87 00609 05.51 34.990 27.70 1481.3  O88 00609 05.51 34.990 27.70 1481.3  O88 00609 05.51 34.990 27.70 1481.3  O89 00609 05.41 35.011 27.65 1480.9  O89 00609 05.41 35.011 27.65 1481.3  O89 00609 05.41 35.011 27.65 1481.3  O89 00609 05.41 35.011 27.65 1481.3  O89 00609 05.41 35.00 27.70 1481.3  O89 00609 06.44 35.90 27.70 1481.3  O89 00609 06.44 35.90 27.70 1481.3  O89 00609 06.44 35.90								01.037									
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Section   2007   2007   Section   2007   2007   Section   2007																	
Discription								00.087									
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785         00113         34, 92         34, 937         27, 09         1479-9           885         00115         27, 12         34, 65         27, 19         30, 137         1480-0           310         00125         36, 65         27, 21         30, 137         1480-0           310         00150         36, 73         34, 66         27, 21         00, 162         1480-0           385         00150         36, 73         34, 66         27, 21         00, 162         1480-0           385         00157         36, 51         34, 502         27, 33         1470-8           386         0017         36, 52         34, 502         27, 33         1475-1           387         0020         35, 97         34, 742         27, 37         03, 203         1475-1           387         0020         35, 97         34, 742         27, 37         03, 203         1475-1           387         0020         35, 97         34, 742         27, 37         03, 203         1475-1           387         0037         05, 28         34, 655         27, 41         00, 239         1476-2           388         0056         06, 33         34, 655         27,								00.114									
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1985   00177   05-42   34-405   27-33   1470-8     1985   00177   05-42   34-405   27-33   1475-1     1985   00198   05-99   34-742   27-37   1478-0     510   7020   35-97   34-74   27-37   07-20   1477-9     1985   00207   05-28   34-655   27-39   1475-6     510   70264   04-45   34-599   27-44   1672-6     1985   00279   06-15   34-43   27-51   1480-4     1986   00279   05-15   34-74   27-54   1470-8     1980   00279   05-15   34-74   27-54   1480-4     1980   00299   05-184   34-896   27-51   1480-4     1980   00314   05-16   34-769   27-54   1480-4     1980   00314   05-15   34-76   27-54   1480-4     1980   00314   05-15   34-76   27-54   1480-4     1980   00314   05-15   34-77   27-61   07-330   1479-6     1980   00314   05-51   34-98   27-51   07-330   1479-6     1980   00401   05-51   34-98   27-61   07-330   1479-6     1980   00401   05-51   34-98   27-61   07-330   1479-6     1980   00401   05-51   34-98   27-61   07-330   1479-6     1980   00600   05-77   35-04   27-67   00-382   1481-2     1980   00600   05-21   35-300   27-70   1481-3     1980   00600   05-21   35-300   27-70   1481-1     1980   00600   05-21   35-300   27-71   00-470   1481-3     1980   00773   04-62   34-985   27-71   00-477   1481-0     1980   00773   04-62   34-985   27-71   00-477   1481-0     1980   00763   04-47   35-98   27-71   00-477   1481-0     1980   00763   04-47   35-98   27-71   00-477   1481-0     1980   00763   04-47   35-98   27-71   00-523   1481-9     1980   00763   04-47   34-99   27-74   00-523   1481-9     1980   00764   04-47   34-99   27-74   00-523   1481-9     1980   00763   04-47   34-99   27-75   00-614   1481-8     1980   00773   04-62   34-985   27-77   00-523   1481-9     1980   00770   04-62   34-985   27-77   00-523   1481-9     1980   00770   04-62   34-985   27-77   00-523   1481-9     1980   00770   04-62   34-985   27-77   00-523   1481-9     1980   00770   04-62   34-995   27-77   00-523   1481-9     1980   00770   04-64   34-79   27-77   00-568   1482-8     1980   00770   04-64   34-79   2					06.73	34.66		00.162									
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STD         60.00         05.08         35.03         27.71         00.430         1481.3           185         00.06         05.04         35.028         27.71         1481.2           185         00.573         04.97         35.001         27.71         1480.9           185         00.673         04.75         34.93         27.72         1481.1           5TD         00700         04.63         34.94         27.72         1481.0           185         00703         04.62         34.985         27.73         1481.0           185         00763         04.45         34.970         27.74         1481.9           285         0.0600         04.43         34.952         27.73         1481.9           385         0.0604         04.43         34.952         27.73         1481.8           5TD         0.0900         04.26         34.962         27.74         1481.8           5TD         0.0900         04.27         34.952         27.74         1482.8           185         0.0473         04.27         34.952         27.74         1482.8           186         0.0973         04.27         34.952         27.74					75.47	35.04	27.67	00.382									
785 000.06 05.07 35.028 27.71 1.81.2  785 000.06 05.07 35.028 27.71 1.80.2  785 000.73 04.87 35.001 27.71 1480.9  785 000.73 04.63 34.93 27.72 1481.1  785 00700 04.63 34.94 27.73 00.477 1481.0  785 00763 04.45 34.97 27.74 1.81.3  785 00763 04.45 34.970 27.74 1.81.3  785 00763 04.45 34.970 27.74 1.81.3  785 00763 04.45 34.970 27.74 1.81.3  785 00763 04.45 34.970 27.74 1.81.3  785 00763 04.45 34.96 27.73 1.81.9  785 00764 04.25 34.96 27.73 1.81.9  785 00764 04.25 34.96 27.74 1.81.8  787 00900 34.20 34.95 27.74 1.81.8  787 00900 34.20 34.95 27.74 1.82.8  785 0097 34.25 34.95 27.74 1.82.8  785 0097 34.25 34.95 27.74 1.82.8  785 0097 34.25 34.95 27.74 1.82.8  785 0097 34.20 34.95 27.74 1.82.8  785 0097 34.20 34.95 27.74 1.82.8  786 0097 34.20 34.95 27.75 00.614 1.83.3			195	00560	05.21												
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Table XIII.= Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296,—Continued

REFTO 11 8296 CONSEC 0036 EAT 44 19 N LONG 047 22 H	MONT PAY	1972 H 04 12 08.5	А 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ATP WET BARO CLOU	RULA 01.5 4FTR 1017.3	018 H 25 514 (L/TR	GT PER 4 - 2	4140-519 4140-590 4140-519		TO AC	C 3	Į R	րգոբՁ - 0 - 01•2	5 2	N SJ 1 SJYARE SQUARE SJJARE	2 46
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эн.5	185	00000	11.44	35,220	25.48		1495.8									
	260	60600	11.45	35.217	25.HR		1496.0									
	SID	00010	11-45	35.22	26.88	00.712	1496.0									
	1185	00011	11.46	35.224	26.38		1496 - 2									
	STD	00020	11.46	15.22	26.88	00.024	1496.2									
	0.15	00330	11.48	35.22	26.88 26.88	00.035	1496.4									
	085 385	00031	11.43 11.48	35.224 35.227	26.88		1496.8									
	Sto	00050	11.48	35.23	26.48	00.059	1496.8									
	STD	00075	11.47	35.22	25.88	00.087	1497.1									
	OBS	00075	11.47	35.223	26.98		1497-1									
	UBS	30793	11-47	35.234	26.89		1+97.6									
	STO	00100	11.47	35.23	25.99	00.113	1497.6									
	STD	00125	11.37	35 - 21	26.89	00.149	1497.6									
	UBS	00125	11.37	35.209	25.89		1497.6									
	\$10	90159	09.73	34.98 34.383	26 • 93	00.179	1491.7									
	385	201.76	09.72 08.44	34.874	26.93 27.13		1487.3									
	385 S <b>T</b> D	00230	03.41	34.90	27.16	00.232	1487.6									
	135	00:00	04.41	34.904	27.16		1487.6									
	HAS	20225	03.50	35.325	21.22		1488.9									
	0.45	10235	04.65	35.751	27.23		1489+3									
	STD	nn250	28.50	35.04	27.25	00.27A										
	785	00250	C8.51	35.037	21.25		1489.0									
	185	00274	34 + 42	35.06 L	21.28		1489.1									
	510	00.00	17-69	34.93	21.29	00.321	1486.6									
	145	00300 00325	07-69	34.928	21.28 21.34		1486.6									
	185 185	00350	05.61 05.21	34.822 34.717	27.44		1477.6									
	035	00375	25.37	34.765	27.47		1478.4									
	STD	00400	06.37	34.99	27.52	00.396	1483.1									
	JHS	30413	06.54	35.041	27.53		1484.1									
	11/4 <	00425	06.47	35.038	27.54		1484.0									
	16.5	00451	06.20	35.028	21.51		1483.3									
	182	0.0475	75.93	35.017	21.60		1482.6									
	IR S	00493	65.76	35.000	21.60	00.455	1482.3									
	517 365	30530 30547	75.76 15.49	35.00 35.035	21.60 21.67	131.1433	1482.1									
	185	30594	)4.95	34.914	21.6H		1480 - 7									
	STO	00507	J4.95	34.97	27.68	OU.508	1480.7									
	JB\$	30.54	35.07	35.011	27.70		1481 . 7									
	14.5	00049	94.94	35.005	21.10		1481-6									
	7.85	00693	04.77	34.484	27.71		1481 - 6									
	510	10100	04.75	34.98	27.71	00.555	1481.5									
	185	00745	04.27	34.923	27.72		1480.2									
	18.5	20753	74.55	34-974	27-73	00 (03	1481.4									
	510	30633	04.35 04.25	34.95 34.932	21.13	00.603	1481.4									
	195	00+19	J4.59	34.998	27.74		1483.0									
	184	00950	14.33	34.952	27.73		1492.4									
	18.5	00399	04.44	34.996	2.16		1483.6									
	510	10001	04.44	35.00	21.16	00.649	1483.6									
	1-95	00952	04.27	34.462	21.15		1483.7									
	\$ f t)	01000	J4.27	34.96	21.75	00.694	1484.5									
	145	01,000	04.27	34.964	21.15		1484.5									
	085	01041	04.17	34.956	21.15		1494.8									
					*****	••••••	•									

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 3296 CONSEC 0.337 LAT 44.25 N LONG 047.5) H	MIJNT DAY	1977 1 03 12 11.3	3010P 03504 SHIP EV OATA USE 1 AREA 05	AIR I MET - BARDY CLUU	02.9 1618 1022.0	NER H 25 SEA CL/TR	GT PER 2 2	RIC-0116 96-0416 96-1-0416 8-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	D	TRASE DIPAT		07.4	5 2	:N 52 130: S2U4°E S2U4°E 4: S2U4°E 4:
CASTNUM/T14F	[V[TYp	перты	TEMP	SAL	2134 <b>4</b> -1	HTQUPY(I	SNO VEL	DXYG	P14	101 P	A 15	403	\$133	PH
	STD	000 30	25.61	33.48 33.47?	25.74 25.74	00-202	1472.0							
11.3	JA 5 18 5	00001	25.61 25.63	31.842	26.74	00.013	1472 • 2							
	(T))	00010	35.79 35.93	3+.08 34.165	26.88 26.43	00.213	1473 . 8							
	185 510	00023	01.13	34.315 34.38	26.94 25.93	00.024	1477.2							
	19.5 19.5	000.59	77.1a 09.10	34.385 34.529	26.93 26.91		1479.3							
	STO	00333	39.14	34.54	26.41	00.336	1483.3							
	191.5 5.1 ()	00132 10050	09.16 03.37	34.547 34.58	26.91 26.95	00.059	1483.5 1483.5							
	785 1185	00051	08.09 08.14	34.585 34.593	26.95 26.95		1483.6							
	\$70 085	0.0075	07.43	34.56 34.557	24.96 26.96	00.086	1483.2 1483.2							
	785	00076 00085	03-12	34.640	25.99		1484.1							
	085 285	96734 96199	37.49 07.41	34.515 34.503	25.99 26.99		1481.9 1481.6							
	- STO 185	00103 00134	07.40 07.35	34.51 34.521	26.99	00.114	1481.6							
	185	00109	27.13	34.535	27.06		1480.5							
	185 5 <b>1</b> 0	00124 00125	39.04 39.16	35.093 35.11	2 <b>1.</b> 20 2 <b>1.</b> 20	20-133	1489.0							
	HS HBS	00153	04.30 04.44	35.135 35.152	27.19 27.18		1490 • 1 1497 • 7							
	085 185	00147	03.45	35.141 35.033	27.17 27.17		1490.9							
	0.35	0.0144	04.90	35.705	27.16		1488.8							
	.185	00153 00162	08.37 03.62	35.00 34.450	27•16 27•16	00.152	1488.7 1497.9							
	085	00165 00170	04.23 07.97	34.290 34.047	27.17 27.19		1486.6							
	OBS	20174	27.66	34.459	27.23		1484.3							
	19 S 19 S	00176 00195	07.59 16.97	34.854 34.731	27.24		1484.0							
	745 5 <b>1</b> 0	00199	36 • 75 46 • 84	34.685 34.76	27.23 27.26	30.207	1447.9 1481.6							
	985	00205	07.24	34.916	27.34		1483.1							
	18 S	00209 €0300	07•27 (6•60	34•470 34•747	27.31 € 27.33		1480.7							
	18.5 18.5	702 <b>1</b> 9 3022 <b>5</b>	06.59 36.21	34.797 34.729	27.33		1480.7							
	192	00234	05.07 P 06.13 P	34.746 34.157	27.360 27.370									
	□8.5 ⊞8.5	00237	J6.07	34.670	27.30 *		1478.9							
	∩85 5 <b>1</b> D	00243 30253	05.57 05.40	34.615 34.65	27.32 27.38	00-241	1476.8 1476.3							
	ans ans	00250 00263	∂5.40 05.29	34.655 34.667	27.38		1476 - 3							
	085	00267	05.39	34.752	27.45		1476 - 7							
	11H S 11H S	002 <b>7</b> 0 002 <b>7</b> 3	05.62 05.70	34.777 34.74 P	27.45 27.41]*									
	185	00243 66.200	)5.48 1)5.55	34.413 34.753	27.43		1477.3							
	UHS	00300	05.58 05.57	34.799 34.40	21.47 21.47	00.282	1478.3 1478.1							
	5 T D 18 S	U0151	05.65	34.499	71.54	00.142	1479.3							
	STD	ი <b>ი:75</b> ამ40ა	05.28 05.21	34.470 34.41	27.56 27.60	00.142	1478.2							
	13 <b>85</b> 145	0040 <b>1</b> 00426	∪5.20 ∩5.34	34.915 35.036	21.61 21.68		1478.3							
	B 5	10950	J5 - 73	35.065	27.66		1481.5							
	ST .	174 <i>1</i> 5 005(E)	95•1∃ 94• <b>∍7</b>	34 + 164 34 + 18	27.65 27.69	00.394	1479-1							
	165 085	10500 1052 <b>7</b>	04.41 04.90	34.476	27.69 27.69		1479.1							
	185 085	)0554 0054)	04.80 04.71	34.767	27.69 21.71		1479.3							
	510	(10.01)	⊙•.73	34.93	21.72	00.441	1479.3							
	145 1185	93651	34.13 04.73	34.786 34.988	27.12 27.12		1477.8 1480.3							
	18 S	3065 <b>7</b> 005 <b>7</b> 5	14.69 14.52	34.983 34.979	2 <b>1.1</b> 2 21 <b>.</b> 72		1480.6 1480.0							
	5 # / )	00700	04.53	34+46	21.12	00.485	1480.0							
	165 165	0074	04.52	34 - 164	27.72 27.73		1480.8							
	H5 (B5	00743	74.44	34.151 34.143	27.73		1481.0 1480.7							
	5 T D 3 P S	004.00	04.22	34.71	21.73	30.532	1490.3							
	195	004>4	04.72	34.729	27.73 27.73		1490.9							
	1135 H.S.	004 <b>73</b>	04.22	34.127	21.13 21.14		1481 • 7							
	510	303.0% 303.03	04.20	34.73	21.13 21.14	00.579	1492.5 1492.5							
	1.35	00025	14.10	34.139	27.74		1442.7							
	185	0.00224	04.10	34.432	27.74 27.74		1482.7 1483.1							
	045 5 T O	01001	)4.14 14.20	34.450 34.45	21•15 21•15	00.524	1989.0 1489.2							
	18.5	11107	04.20	34.757	21.15	- '	1484.3							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

75F1) 41 9246 CHNSEC JO38 LAT 14 26 N LCHG 044 07 #	YEAR HTYTH YAC H, H		3-1 10 03393 SHIP EV DALA USE 1 APEA 05	AIR T HLT BARD CLOU	HULB 05+0 4ETR 1027+4		GT <sup>MER</sup> 2 - 2	AIAD-DIB MIAD-EDN MIAD-LAIN MIAD-BB		ያ ጋል ሥች ያ ልዩኒር		03*5 J*UE8	5 2	N SO I SOUARE SOUARE SOUARE	2 4 A
CASTNUMITEMS	LVLTYP	JEPT 1	TEMP	SAL	51-44-T	<b>ПТ40Ъ1</b> Н	SYD VEL	DXY G	P 14	101-5	472	404	5133	PH	
13.7	79.5	00017	39• A1	33.465	25.44		1451.4								
• /• ·	SID	00020	00.73	33.52	26.90		1450.7								
	38.5	05000	00.63	33.529	26.91		1450.7								
	185	9005H	00.92	33.653	25.49		1452.1								
	STD	00033	01-11	33.66	25.90		1453.0								
	"B S	20031	01.26	33.673	25+98		1453.7								
	51[ 685	00053	31.78	33.71	25.98 20.98		1456.3								
	385	00051	01.81 32.26	33.716 33.792	27.01		1459.3								
	517	20275	12.24	33.31	27.02		1459.1								
	19.5	00077	72.36	33.150	21.04		1457.5								
	CAS	00033	02.73	33.397	27-05		1461.3								
	-35	00194	02.66	33.881	27.04		1461.2								
	510	00100	21.77	33.81	27.06		1457.2								
	JHS	00103	01.51	33.785	27.06		1456 - 1								
	^8 S	00104	11.65	33.776	21.04		1456.3								
	.iAS	30114	30.7R	33.751	27.09		1453.1								
	5 <b>7</b> 71 185	10132 10132	10.29 10.01	33.97 33.952	21.20 21.23		1451 • 1 1457 • 1								
	785	00149	20.43	33.993	21.24		1452.2								
	510	00150	03.41	33.99	27.29		1452.2								
	18.5	00174	33.34	34.098	27.35		1454.7								
	1145	00136	01.04	34-161	27.39		1455.9								
	510	00230	01.30	34.23	21.43		1457.4								
	145	00205	01.47	34.266	27.45		1454.3								
	13.2	32221	05.00	34.179	21.49		1461.5								
	SID	00250	03.4.	34.53	71.44		1463.3								
	745	00252	03-67	34.538	27.49		1464.1								
	.,95 795	00267 00277	73.32 31.47	34.571 34.747	27.53 27.61		1467.3								
	510	06300	24.75	34.56	21.62		1474.7								
	15	30312	05.02	34 - 906	27.67		1475.1								
	385	00324	05.19	34.937	27.63		1477.1								
	145	00361	35.29	34.972	21.64		1478.1								
	185	00390	05.16	34.975	21.66		1474.1								
	612	00400	75.15	34.98	27.66		1478.2								
	CRS	00407	05.14	34.981	27.66		1478.3								
	1985 1985	00422	24.99	34.481 34.990	27.68 27.59		1477.9 1478.1								
	785	00435 00469	04.94 04.82	34.981	27.70		1478 - 2								
	510	00500	74.76	34.98	27.71		1478.2								
	CAS	00500	24.76	34.981	27.71		1478.2								
	JRS	10549	04 - 73	34.990	21.72		1479.9								
	STO	00600	04.67	35.00	21.74		1479-6								
	382	00200	04-67	35.001	27.74		1479.6								
	JAS	006 36	24 - 54	34.9A5	27.74		1479.6								
	OBS.	00478	04.65 04.55	35.004 34.985	27.74		1480.8								
	085 \$10	00694 00730	04.54	34.99	21.74 21.74		1480.7								
	385	03749	34.46	34.988	27.75		1481.1								
	STD	00300	24.39	34.99	27.76		1481.7								
	285	00817	24.35	34.985	27.76		1481.9								
	510	00900	24.23	34.97	27.76		1482 - 7								
	7 d S	00907	24.23	34.970	27.76		1482 . 7								
	185	00749	04-14	34.962	21.76		1493.1								
	510	01000	^4 • 12	34 - 95	27.76		1483.9								
	085	01000	04.12	34.950 34.953	27.76 27.76		1483.8								
	185	01033	04.37 04.97	34.953	27.76		1484.5								
	10.3	01371	0 4. 5.		2										
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 CONSEC 0030 EAT 44 30 N EUN3 048 24 W	4041 041	1972 H 04 12 15.9	3417DP 02300 SHIP EV OATA USE L APEA 75	ALR T AET A BARDA CLOUD	ULH 03.3 FTR 1020.0		GT PER 3 2	#[NO-) R #[NO-6)R #[NO-6]R #E4146?		TRACE DURAT		00.1	5	N 50 1306 50JARF 2 50JARE 48 50JARE 48
CASTNUM/TIME	LVLTYP	DEPTH	TE MP	SAL	SESMA-T	DYNOPTH	SND VEL	OXYG	P 14	tot o	NO2	103	5133	РH
	510	60000	30-46	33.26	26.71	00.000	1449.0							
15.9	195 510	00000	00.46 00.70	33.265 33.40	26.71 26.80	00.013	1449.J 1450.4							
	118.5	00015	00.74	33-427	26.92		1450.7							
	STD DBS	00020	00.72 00.72	33.41 33.401	26.30 25.80	00.026	1450.7							
	nBS.	90024	00.42	33.508	20.90		1449.5							
	OBS	00027 00030	00.60 00.55	33.566 33.62	26.94 26.98	00-037	1450.5							
	()85	00034	00.47	33.719	27.07	00-03.	1450.2							
	085 085	000 39 00042	02•42 02•93	33.890 33.910	27.07 27.04 •		1459.2 1461.5							
	STO	00050	03-13	33.96	27.07	00.059	1462.6							
	085 085	00059	03.75 04.20	33.994 33.998	21.03 + 26.99 •		1465.4							
	385	17000	02.95	33.822	25.97		1462.0							
	510 085	00075 00077	03.69 03.81	33.84 33.855	25.92 + 26.92	00.085	1465.2 1465.8							
	DBS	980089	01.20	33.617	26.94		1454.2							
	085 085	00089 00092	00.84 00.61	33.783 33.779	27.10 27.11		1452.9							
	510	00100	00+43	33.74	27.09	00.112	1451.2							
	08\$ 08\$	00102 00106	00.36 00.22	33.729 33.802	27.08 27.15		1453.9							
	285	00112	10.00	34.040	27.35		1450.1							
	085 085	00115	00.50 01.47	34.31 P 34.46 P	27.540									
	CBS	00121	02.24	34.49 P	27.609 27.570*									
	510 085	00125	02.59	34.20	27.31 •	00.134	1461.8							
	085	00128 00132	02.94 03.05	34.294 34.419	27.36 27.44		1463.1 1464.2							
	085 085	00134	03.39	34.435	27.42		1465 • 7							
	JB5	00148	03.52 03.62	34.40 P 34.441	27.387* 27.40		1466.9							
	510 085	00150 00154	03-71	34.46	27.41	00.152	1467.4							
	082	00154	03.88 03.87	34.496 34.53 P	27.42 27.450		1468.2							
	085	16100	04.13	34.53 P	27.420*									
	085 085	00173 00186	04.23 04.21	34.531 34.491	27.41 27.38 •		1470.1							
	285	00193	03.53	34.375	27.36		1467.2							
	085 510	00196 00200	03.32 03.23	34.378 34.38	27.38 27.39	00-187	1466.4							
	085	00200	03.22	34.44 P	27.440									
	085 085	00207 00211	04.11 03.49	34.53 P 34.391	27.420 27.38 +		1467.4							
	DBS DBS	00220 00224	02.22	34.389	27.49		1462.0							
	085	00224	02•25 02•47	34.417	27.51 27.56		1462.3							
	\$10	00250	02.51	34.51	27.56	00.219	1463.9							
	ORS STO	00276 00300	02.97 03.20	34.613 34.63	27.60 27.59	00.246	1466.5							
	085 085	00300	03.21	34.632	27.59		1468.0							
	085	00325 00349	03.40 03.54	34.703 34.742	27•63 27•65		1469.3							
	085 STO	00400	03.80	34.806	27.67		1472.0							
	085	00400	03.92	34.83 34.835	27.68 27.68	00-295	1472.9							
	085 085	00426	04 • 10 04 • 12	34.860	27.69		1474.1							
	085	00483	04-12	34.870 34.888	27.69 27.70		1474.7							
	STO OBS	00500 00505	04.15	34.89	27.70	00.340	1475.6							
	085	00531	04.15 04.17	34-889 34.905	27•70 27•71		1475.7							
	085 085	00556 00573	04.25	34.920	27.72		1477.0							
	085	00599	04.46 04.62	34.978 34.978	27.74 27.72		1478.2 1479.3							
	SYO OBS	00600 00626	04-62	34.98	27.12	00.385	1479.3							
	085	00651	04.56 04.52	34.984 34.982	27.73 27.74		1479.5							
	085 510	00678	04.49	34.978	27.74	00 (30	1480.0							
	286	00753	04.45	34.98 34.975	21.74 27.75	00.430	1480.3							
	510	00800 204.35	04.26	34.96	27.75	00.474	1481.1							
	785 785	00456	04.25 04.12	34.960 34.947	21.15 27.15		1481+2							
	510	0.010	34.01	34.94	21.76	00.518	1481.8							
	18.5 (18.5	00.42.)	14.02	34.937 14.938	27.76 27.76		1481 • 4							
	)AS	0.39.49	04.37	34.940	27.76		1493.3							
	105	91.200 31.036	მ4.91 მ3.96	34.94 34.136	21.16 21.16	09.562	1483.3							
	'	110 30	0 1. 70	/7./10	21-10		1404.1							

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN,  $7~\mathrm{April}$  1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

arfin 31 CONSEC LAT 44 ECNS 049		43.41	1972 1 04 12 18+5	BOTOP OUHGO SHIP EV OATA USE 1 AREA 35			018 H 01 41\10	GT PE8 ? ?	#I49-3lg #I40-520 #I40-E38 #E4I462	1 >	TRACE DURAT		01.3	5 2	201125 1441165 145165 1452 14	48
CASTNUM	/1145	t V t T Y a	ntata	I E MP	SAL	ST3MA=t	Оумпртн	SNO VEL	DX4G	P ] 4	TOT P	vn2	NO3	\$173	P 4	
		5 7 13	00000	- 2.59	33.00	24.54	00-200	1445.4								
	14.8	185	20032	- 0.59	32.996	25.54		1443.9								
		511)	00010	- 0.63	32.49	26.54	00.015	1443.9								
		510	00320	- 0.58	12.98	26.53	00.030	1443.7								
		185	00374	- 0-70	32.974	26.52		1443.5								
		195	00027	- 0.83	32.768	25.52	00 0/5	1443-1								
		STD:::45	00030	- 1-00	32.98	25.54 25.54	00.045	1442.3								
		\$10	00053	- 1.02 - 1.22	32.97 <i>1</i> 33.11	25.65	00.075	1441.8								
		310	00350	- 1.22	33.197	26+65	00.074	1441.8								
		185	00071	- 1.25	33.134	26.57		1442.1								
		STD	20275	- 1.25	31.14	26.67	07.109	1442.1								
		18.5	0.0039	- 1.23	33.172	26.70		1442 - 7								
		SID	22192	- 1.23	33.17	26.70	00.143	1442.7								
		5.7.3	33152	- 1.20	33.20	15.77	00.176	1443.3								
		ોવડ	10125	- 1 - 20	33-199	25.72		1443.3								
		51)	00150	- 1.15	33-21	25.73	09.209	1443.9								
		185	on152 ∪∂173	- 1.15 - 1.19	33.219	26.14 26.81		1444.5								
		16.5	00173	- 1.03	13.106 33.468	25.93		1445.5								
		18.5	00193	- 1.43	33,503	25.97		1443.9								
		510	90203	- 1.44	13.51	26.9H	00.269	1443.9								
		195	20202	- 1.45	33.544	27.01		1443.9								
		185	20208	- 1.35	33.577	27.03		1444.5								
		195	00215	- 1.05	33.657	21.09		1440 -1								
		185	20221	00.47	33-785	27.12		1453.5								
		,95	30244	00.01	33-362	27.21		1451.9								
		510	06350	00.03	33.97	27.21	20.317	1452.0								
		175	00746	00.24	33. 968	27-29		1453.5								
		145	002. <b>71</b> 302. <b>75</b>	00.34	33.489 34.137	21.29 21.40		1453.7								
		51n	30 + 30	05.55	34.44	27.53	03.353	1463.4								
		45	30330	02.25	34.443	27.53	,,,	1463.6								
		75	30323	02.45	34.446	21.51		1464.8								
		ja s	00148	02.59	34.483	27.53		1465 - 8								
		185	20374	02.72	34.510	27.54		1466.9								
		145	33443	03.11	34.626	27.60		1469.2								
		21.)	10400	93-11	34.63	27.60	00.407	1469.2								
		TR.S	004.25	03.44	34.06H	27.60		1471-1								
		145 185	00449	03.43 03.48	34.672 34.722	27.60 27.64		1471.4 1472.1								
		STO	0050)	03.57	34.74	27.64	00.460	1473.0								
		185	00530	03.60	34.744	27.65		1473.1								
		IRS	00526	03.92	34 835	27.68		1475.0								
		18.5	00552	04.00	34.852	27.69		1475.8								
		185	00575	03.97	34.858	27.70		1476.0								
		19.5	00599	)3.99	34.865	21.70		1476.5								
		5115	001.93	03.99	34.87	27.70	20.508	1476.5								
		~45	00527	04.00	34.368	21.70		1477-0								
		185	0.05 51	04.02	34.479	27.71		1477.5								
		195 510	00100	04.01 04.08	34.875 34.89	21.11 21.11	00.554	1477.9								
		26.2	00703	04.08	34.841	27.71	00.774	1478.6								
		185	00725	74.07	34.890	27.71		1479.0								
		185	00751	04.01	34 895	21.12		1479.2								
		195	30775	03.99	34.497	21.13		1479.5								
		510	00 HGC	93.97	34.90	27.73	00.600	1479.8								
		185	70 P <b>1</b> 0	03.97	34.495	27+73		1479.8								
		185	008 39	33.97	34.894	27.73		1480.0								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF1.) 31 3296 CONSEC 3041 LAT 44 35 N LONG 049 02 H	YEAR 1975 MONTH 04 DAY 17 HO IR 20.1	SHIP EV DATA HSE 1	AIR TEMP 02.2 WET BURN 01.7 BARDMETR 1012.5 CLOUD T/A	DIR HGT PER to 2 2 SEA CLITE	#149-312 (4 #140-520 (3 #140-638 #657462 X2	TRACE DIR 00.1	TEN 50 1306 5 501495 2 2 501495 49 1 501485 49
CASTNUM/TEMF	LVLTYP PEHTH	TEMP SA	AL SITMA-T	DYNOPTH SNO VEL	JYYS PTS	TFIT P 432 403 517	3 oH
20.3	STD 00001 194 00003 STD 00112 194 00011 193 00014 193 00014 193 00014 193 00014 193 00014 194 00022 STD 00050 195 00075 195 00075	- 0.49 32 0.49 32 0.50 32 0.55 32 0.74 32 0.94 32 1.06 33 1.06 33 1.09 33 1.09 33 1.15 33 1.17 33 1.21 33-	27.49 27.49 29.43 24.49 29.3 25.48 29.5 29.46 29.5 20.5 20.5 20.5 20.5 20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6	03-000   1444-7   1444-3   1444-3   1444-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1442-7   1443-7   1443-7   1443-7   1443-7   1444-3   1444-3   1444-3   1444-3   1444-3   1442-3   1443-7   1444-3   1444-3   1442-3   1443-7   1443-7   1444-3   1444-3   1444-3   1444-3   1444-3   1443-3   144			
98817 31 9206 CONSEC 2742 LAT 44 45 N LONG 140 03 m	₩⊕* T = 34	POTOP DODGE SHIP EV DATA USE 1 AREA 05	ALP TEMP 02-2 WET BULE 01.7 BAHOMETR 1009-5 CLOUD T/A	DIR HGT PER 27 2 2 SEA CL/TP	#140+01R 14 #140+520 15 #140+52R #641462 x2	TRACE STR S	TEN 50 1306 5 SOUARE 2 2 SOUARE 4R 1 SOUARE 49
CASTHUMATEME	CALTAL DESTH	TEMP S	AL SIGMA-T	DYNDPTH SNO VEL	DXYC P14	TOT P NO2 NO3 (1)	3 РЧ
1.15	\$10 00000 085 00000 \$10 00010 \$10 00020 \$10 00020 085 00024 085 00044 085 00044 \$10 0050 085 00050 085 00050 085 00050	- 0.41 32 - 0.44 32 - 0.47 32 - 0.51 32 - 0.53 32 - 0.94 33 - 1.02 33 - 1.02 33 - 1.02 33	.94 26.49 .944 25.49 .93 26.47 .91 26.46 .90 26.46 .93 26.46 .316 26.57 .063 26.61 .97 26.61 .97 26.62	00.000 1444.5 1444.6 00.016 1444.5 00.031 1444.5 1444.5 1443.0 1442.0 1442.7 1442.7 1442.7			
#FFID 31 429 CUNSEC 004 LAT 44 14 LONE 049 14	A - D4A - F5 3 - D44 - D5	4070P 00062 SHIP EV DATA USE 1 AREA DS	3]R TEMP D3.0 .FT 3UL  03.5 dARU4ETR 1007.6 CLPU) T/A	10 3 2	11 STC-UNIW 15 OSS-OVIW 15 OSS-OVIW 15 OSS-OVIW 15 OSS-OVIW 15 OSS-OVIW 15 OSS-OVIW 15 OSS-OVIW 16 OSS-OVIW 16 OSS-OVIW 16 OSS-OVIW 17 OSS-OVIW 17 OSS-OVIW 18 OSS	Part SID SECURDER TO ACT OF DE OT O	TEN 52 [306 5 53:1645 2 2 53:1645 49 1 53:1645 49
FASTINUA/TIME	EAFLAS DEBL	H TTMP	SAL SIGMA-T	DYNOPTH 5ND VEL	DXYG P14	TOT P NOS NOS S	[13 P4
21.9	\$10 0000 193 0000 193 0001 195 0001 195 0001 517 2002 195 0000 510 0000 510 0000 510 0000 510 0000 510 0000 510 0000 510 0000 510 0000	33 - 0.24 3 - 3.30 3 - 3.30 3 - 3.32 3 - 0.55 3 - 0.55 3 - 0.94 3 - 0.94 3 - 0.94 3 - 0.94 3	2-15 20-40 2-150 26-69 2-155 26-69 2-155 26-69 2-155 25-69 2-155	10,000   1445.1   1445.1   1445.2   1445.2   1445.2   1445.2   1444.2   1442.1   1442.6   100,074   1442.6   100,074   1442.7			

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

CONSEC LAT 44 LIING 043	4296 1344 39 N 23 H	H   IB	12	4019P 01062 SHIP FV 1414 ISF 1 145A - 05	4 E F   15 E F F F F F F F F F F F F F F F F F F	3ULR 31.1 METP 1007.1	OTP HO 27 SEA CLITH		#[4D=7]@ #[4D=5>0 #[4D=5]R #[4THE>	7 7	TRACE DURAT		TP DE R II C7.L	5	EN SO 130 SOUTABLE 4 SOUARE 4 SOUARE 4
CASTNUM	TIME	LVLTYP	26014	I <sub>t</sub> up	SAL	c   ,45-T	ПұмОртн	SNO VEI	) X Y (2	P 14	7 () 7 (P	402	NO3	5133	P.4
		510	conno	- a.27	32.97	25,50	07.001	1445.2							
	22.6	12 B 21	00000	- 0.27	32,970	25.50		1445.7							
		510	30013	- 0.27	32.78	26.51	10.015	1445.4							
		74.5 51.)	00010 05000	- 0.27 - 3.27	32.480 32.≱8	26.51 26.51	02.331	1445.4							
		745	00)23	- 0.27	32.190	25.01	0,7•	1445.6							
		510	00730	- 3.54	33.01	76.55	00.345	144++5							
		185	60030	- 0.54	33.010	25.55		1444 .5							
		510	0005)	- 0.45	33-13	25.57	00.075								
		UMS	0015)	- 0.62	33.030	26.57		1444.5							
						*****		•							
	42-6 03-5 02-04 27-06	M041 047	[972 1 04   16   13-3	ROTOP DODGE SHIP EV OATA USE 1 AREA DS	HET BARD	TERP 02-2 JULH 01-7 METR 1010-5 D TZA	32		ATC-ONTH DOS-ONTH ACS-ONTH SHITASH	1+	DIJRA		00.1		TEN SQ 13 5 SQIJARE 2 SQUARE 1 SQJARE
CUNSEC	0345 02.09 27.06	M041 047	1 04	SHIP EV DATA USE 1	HET BARD	3ULH 01.7 METR 1010.5	32 SEA	5 }	#IND-SPD #IND-FJR	1+ <1	DIJRA	91R 119N	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.09 27.06	н.)ПВК О <b>Д</b> У МОИТ	104	SHIP EV DATA USE 1 AREA 35	WET BARD CLITH SAL	30LH 01.7 METR 1010.5 D T/A SIGMA~T	32 SEA CL/TR	5 3 SND VEL	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.09 27.06	MONT NAM HOUR AYTJVJ ATO OAS	1 04 16 13-3 UEPTH	SHIP EV DATA USE 1 AREA 35	HET BARO CLINU	30LH 01.7 METR 1010.5 D TZA	32 SEA CL/TR	5 }	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	PACH PACH PRICH PATIVI PACH PACH PACH PACH PACH PACH PACH PACH	1 0% 16 13-3 UEPTH 00000 00000 00000	SHIP EV NATA USE 1 AREA 35 TEMP 	#ET BARD CLIU SAL 33.04 33.044 33.034	30LH 01.7 METR 1010.5 0 T/A SIGMA~T 26.55 26.55 25.54	32 SEA CL/TR DYNOPTH 00-300	5 3 SND VEL 1446.7 1446.7	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUSE HOUSE CYLTYP STD DAS DES STD	1 05 16 13-3 UEPTH 00000 00000 00000 00000 00000	SHIP EV 1 AREA 35	#ET BARO CLINI SAL 33.04 33.04 33.04 33.04	30LH 01.7 METR 1010-5 O T/A SIGNATE 26-55 26-55 26-55 25-54 23-55	32 SEA CL/TR	SND VEL 1446.7 1446.7 1446.7	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUSE LVLTYP STD OBS STD OBS	1 07 16 13-3 UEPTH 00000 90000 90000 90010	SHIP EV 1 AREA 35	SAL 33.04 33.04 33.04 33.04 33.04 33.04 33.04	30LH 01.7 METR 1010.5 O T/A SIGNA~T 26.55 26.55 25.54 20.55	32 SEA CL/TR DYNOPTH 00-300	5 3 SND VEL 1446.7 1446.7 1446.7 1446.7	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUSE HOUSE CYLTYP STD DAS DES STD	1 05 16 13-3 UEPTH 00000 00000 00000 00000 00000	SHIP EV 1 AREA 35	#ET BARD CLMH \$4 33.04 33.04 33.04 33.04 33.03 33.03 33.03	30LH 01.7 METR 1010.5 0 T/A SIGNA~T 26.55 26.55 25.54 23.55 26.55 26.55	32 SEA CL/TR DYNOPTH 00-300	5ND VEL  1446.7  1446.7  1446.7  1446.7  1446.7	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUR STD GAS STD GAS STD GAS STD GAS	1 07 16 13-3 UEPTH 00000 00000 00000 00000 00000 00000 0000	SHIP EV (10 AT A USE 1 25 25 25 25 25 25 25 25 25 25 25 25 25	SAL 33.04 33.04 33.04 33.04 33.04 33.04 33.04	30LH 01.7 METR 1010.5 O T/A SIGNA~T 26.55 26.55 25.54 20.55	32 SEA CL/TR DYNOPTH 00-300	5 3 SND VEL 1446.7 1446.7 1446.7 1446.7	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	HÖNT DAY HOUR EVETYP STD OAS STD OBS STD OBS STD	1 07 16 13.3 UEPTH 00000 00000 00000 00010 00013 00023 00033	SHIP EV 1 1 25 1 25 1 25 1 25 1 25 1 25 1 25 1	33.04 33.04 33.04 33.04 33.03 33.03 33.03 33.03 33.03 33.03 33.03	JULH 01.7 METR 1017.5 0 T/A S134A-T 26.55 26.55 26.55 26.55 26.55 26.55 26.54 26.54 26.54 26.54	32 SEA CL/TR DYNOPTH 00-300 00-015	5 3 SND VEL 1446.7 1446.7 1446.7 1446.7 1446.7 1446.9 1447.0	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	HONT DAY HOUR STD DAS STD DAS STD DAS STD DAS STD DAS STD DAS STD	1 07 16 13-3 0000 0000 0000 00010 00010 00020 00023 00030 00030	TEMP  10.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03	#ET BARD CLINIJ SAL 33.04 33.04 33.04 33.03 73.03 73.03 73.03 73.04 33.03 73.03 33.03 73.03 53.0	JULH 01.7 METH 1010.5 0 T/A SIGNA-T 26.55 26.55 26.55 26.55 26.55 26.55 26.55 26.55 26.55 26.55 26.55 26.55	32 SEA CL/TR DYNOPTH 00-300 00-015	5ND VEL  1446-7 1446-7 1446-7 1446-7 1446-7 1446-7 1446-9 1447-0 1447-0	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	HÖNT DAY HOUR EVETYP STD OAS STD OBS STD OBS STD	1 04 16 13-1 00000 90003 90010 00010 00013 00023 00030 00030	SHIP EV 1 1 25 1 25 1 25 1 25 1 25 1 25 1 25 1	#ET BARD CL MIJ	JULH 01.7 METR 1017.5 7 T/A S174A-T 26.55	32 SEA CL/TR DYNOPTH 00-300 00-015	5 3 SND VFL 1446 • 7 1446 • 7 1446 • 7 1446 • 7 1446 • 7 1446 • 9 1447 • 0 1447 • 0 1447 • 0 1447 • 0	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUSE STD DAS STD DAS STD DAS STD DAS STD DAS STD DAS STD	1 07 16 13-3 0000 0000 0000 00010 00010 00020 00023 00030 00030	TEMP  10.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03 00.03	#ET BARD CLINIJ SAL 33.04 33.04 33.04 33.03 73.03 73.03 73.03 73.04 33.03 73.03 33.03 73.03 53.0	JULM 01.7 METR 1010.5 0 T/A \$1744-T 26.55	32 SEA CL/TR DYNOPTH 00-300 00-015 00-030	5 3 SND VEL 1446.7 1446.7 1446.7 1446.7 1446.7 1447.0 1447.0 1447.0 1447.0	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUSE STD DAS STD DAS STD DAS STD DAS STD DAS STD DAS STD	1 04 16 13-1 00000 90003 90010 00010 00013 00023 00030 00030	SHIP EV 1 1 25 1 25 1 25 1 25 1 25 1 25 1 25 1	#ET BARD CL MIJ	JULM 01.7 METR 1010.5 0 T/A \$1744-T 26.55	32 SEA CL/TR DYNOPTH 00-300 00-015	5 3 SND VEL 1446.7 1446.7 1446.7 1446.7 1446.7 1447.0 1447.0 1447.0 1447.0	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUSE STD DAS STD DAS STD DAS STD DAS STD DAS STD DAS STD	1 04 16 13-1 00000 90003 90010 00010 00013 00023 00030 00030	SHIP EV 1 1 25 1 25 1 25 1 25 1 25 1 25 1 25 1	#ET BARD CL MIJ	JULM 01.7 METR 1010.5 0 T/A \$1744-T 26.55	32 SEA CL/TR DYNOPTH 00-300 00-015 00-030	5 3 SND VEL 1446.7 1446.7 1446.7 1446.7 1446.7 1447.0 1447.0 1447.0 1447.0	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE
CONSEC LAT 4. LIN 344	0345 02.0V 27.0h 7114	MONT DAY HOUSE STD DAS STD DAS STD DAS STD DAS STD DAS STD DAS STD	1 04 16 13-1 00000 90003 90010 00010 00013 00023 00030 00030	SHIP EV 1 1 25 1 25 1 25 1 25 1 25 1 25 1 25 1	#ET BARD CL MIJ	JULM 01.7 METR 1010.5 0 T/A \$1744-T 26.55	32 SEA CL/TR DYNOPTH 00-300 00-015 00-030	5 3 SND VEL 1446.7 1446.7 1446.7 1446.7 1446.7 1447.0 1447.0 1447.0 1447.0	MIND-SPD WIND-FJR WEATHER	1+ <1	TRACE DIJRA ORIG	E DIR ITON IIP IID	00.1		SQUARE SQUARE SQUARE

4FF1) 41 4246 C14FF	wi (%, Γ (Δ.)	[972 + 04 - 15 - 14•2	ENTID OND+IN SHIP EV DATA USE I AREA IIS	41R 7 46T 8 34RD: CUUUU	OZ.8 METR 1011.5		;¶ PER 5 3	# [ Y D = ] ] R G Q Z = G V I W H C = = G V I W S = H T A B W	14	T A AC E		00.1	5 5	N SD 1306 SQJAPE 2 SOUARE 28 SQJARE 39	
CASTALLMITTE	LAF Ab	OFPIH	T E M P	SAL	5134A=1	DAMDSIH	SND VEL	DXYG	P)4	t ti i - p	NO2	103	5133	P (	
	511	00000	- 0.3·	13.73	26.55	00.10)	1445.)								
1 *** *	19.5	00000	- 7.34	33.027	26.55		1445.0								
	18.5	00000	- 9.34	33.727	26.55		1445 .1								
	519	00010	- 3.34	33.)3	26.55	20.015	1445.1								
	STD	00027	- '). 3H	33.03	26.55	00.030	1445 • 1								
	14.5	00020	- J. 3H	33.027	26.55		1445 • 1								
	517	10030	). 14	33.12	20.55	01.345	1+45.2								
	1m S	00030	~ ), 3 ł	33.023	26.55		1445 - 2								
	785	10039	- 0.47	33.02B	25.56		1+45 - 1								

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

4EF10 31 8296 CONSEC 0047 LAT 43 57 N LUNG 049 10 W	THE YAC	197? □ 04 - 16 - 15+3	BOTOP ONJ91 SHIP EV DATA USE 1 AREA 05	WET BARO	03.3 SETP LOID.8	32		#140-)[R #140-520 #140-F1R #EATHER	13	79 A0	STO   4  E OLP  TTON    TTON	ECD-20ER ) 01-1 10	5	N SQ 1 SQUARE SQUARE SQUARE	2 28
CASTNUM/TIME	LVLIYP	DEPTH	IEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	Ox+G	P J4	tot i	NU2	и03	\$113	PH	
	stn	00000	- 0.62	33.01	25.55	00.000	1443.7								
15.3	085	00000	- 0.62	33,010	26.55		1441.7								
	DRS	00108	- 0.62	33.010	25.55		1443.8								
	510	00010	- 0.64	33.00	26.54	00.015	1443.7								
	ŋBs	00010	- 0.64	33.000	26.54		1443.7								
	STD	00020	- 0.64	33.01	26.55	00.033	1443.9								
	ORS	00020	- 0.64	33.010	26.55		1443.9								
	510	00030	- 0.67	33.01	76.55	00.045	1443.9								
	าหร	00030	- 0.67	33.010	26.55		1443.9								
	785	00040	- 0.69	33-010	26.55		1444.0								
	\$10	00050	- 0.73	33+01	26.55	00.075	1444.0								
	-38 S	00050	- 0.73	33.010	26.55		1444.3								
	08.5	00064	- 1.11	33-110	26.65		1442.6								
	STO	00075	- 1.13	33.15	26.68	00-110	1442.7								
	nes	00075	- 1.13	33.150	26 • 68		1442.7								
	08.5	00080	- 1.05	33.170	26.69		1443.7								
					*****	• • • • • • • • •	•								

PEFEN 31 8296 CONSEC 0048 LAT 43 54 N L <sup>3</sup> N <sub>2</sub> 049 02 K	M (1 / A / I)	1972 + 04 - 16 - 15+3	3010P 00289 SHIP EV OATA USE 1 AREA 05		02.9 16TR 1010.₽	01P H 32 SEA CL/TP		AIND-01P HIND-SPO HINO-FOR HEATHE?	15	TRACE	018	C OR OER 3 07.1	5 2	N SQ 1 SQUARE SQUARE SQJARE	2 28
CASTAUMATIME	t y L T y P	претн	T E MP	SAL	515M4-T	DYNDPTH	SNO VEL	JXY G	P ) 4	T <sub>OT</sub> p	NO2	NO3	5173	РН	
	510	00000	- 0.87	32+98	26.53	00.000	1442.5								
16.3	285	00000	- 0.87	32.980	25.53		1447.5								
	510	00017	- 0.88	32-98	26.53	00.015	1442.6								
	OBS	00010	- 0.88	32.980	26.53		1442.6								
	S.F.D.	09320	- O.BR	32.98	26-53	00.030	1442.7								
	BAS	00050	- 0.88	32.980	26.53		1442.7								
	STD	0.00 3.0	- 0.90	32.98	25.54	00.045	1442.R								
	285	00030	- 0.90	32.980	26.54		1442.8								
	HH S	00749	- 0.95	33.000	26.55		1447 • 8								
	510	00050	- 0.96	33.00	26.56	00.075	1442.9								
	ORS	იიიაი	- 0.96	33.005	26.56		1442 • 9								
	OHS	20363	- 0.96	33.010	26.56		1443.1								
	510	00075	- 1.12	33.06	25.61	00.112	1442 • 6								
	76 S	00075	- 1.12	33.060	25.61		1447+6								
	045	00045	- 1.27	33.230	25.75		1442.3								
	51()	00100	- I.15	33.32	25.82	00.145									
	785	00100	- 1.15	33.320	26.82		1443.3								
	285	00120	03.66	33.920	26.90		1465.8								
	510	00125	02.35	33.60	26.P5 *	00.176	1460.3								
	បអ្ន	CO135	00.45	33.480	26 + 88		1451.5								
	08.5	00140	- 0.15	33,580	20.99		1448.9								
	510	00150	00.14	33.69	27.06	00.203	1450.6								
	ng S	00150	00.14	33.590	27.06		1450 • 6								
	683	00162	00.34	33.680	27.05		1451.7								
	735	00165	- 0.50	33.640	27.05		1447.B								
	OBS	00175	- 0.34	33.660	27.06		1446 - 5								
	HAS	001.95	- 0 - 30	33.710	27.10	02.250	1449 • 2								
	510	00200	00.46	33.91	21.22	03.250	1453.2								
	TPS	002 00	00.46	33.710	27.22										
	JBS DBS	00225	20.91	34.035	27.30		1455.8								
	517	00240	01.22	34.115 34.12	27.34	00.290	1457.8								
	UBS	00259	01.23	34.120	27.34	0.7.290	1457.8								
	OBS	00250	01.23	34.160	27.37		1458.1								
	DM 3		UI - 20	74 - 100	(1.31		1 4 20 4 1								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

REFID 31 H296 CONSEC 0049 LST 43-53 N LONG 048-56 H	4(2/1) [14/1]	1972 9 04 16 17+3	BUTHP 00674 SHIP EV DATA USE 1 AREA 05			DIR E 32 SEA CL/TR		#140=01R W140~SPD W140~E)R #140=F)R	1>	TP AC	STD REI Fotr Iton Ito Iti	00.2	5 51	\$1 1306 DJARF 2 DJARF 28 DJARF 38
CASTNUM/TIME	LALLAb	DE≧tie	TEMP	SAL	SEGMA-E	DYNDPIH	SND VEL	OXYG	P 14	t ot p	1102	¥03	5113	P-4
	511	00000	01.56	33.29	20.66	00.000	1454 • 0							
17.3	HBS	00000	01.56	33.290	26.66	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1454.0							
	19.5	00004	01.00	33.260	26+67		1451.5							
	SID	00210	01.54	33.2A	25.65	00.014	1454.1							
	(185	00019	01.60	33, 120	26.68		1454.5							
	STI	00023	01.55	33.28	26.65 *	00.029	1454 • 2							
	Rς	00020	01.55	33.280	25.65		1454.2							
	510	00333	19.00	33.49	26.86	00.041	1451 - 4							
	785	00030	00+91	33.490	26.86		1451.4							
	STF	00050	- 0.62	33.43	20.89	00.065	1445.1							
	CHS	00054	- 0.83	33.420	26.89		1444 • 1							
	STD	0.0075	03.69	33.44	21.00	00.093	1465.3							
	JR S	00275	03.69	33.940	27.00		1465.3							
	785	00000	03.77	33.970	21.01		1465.9							
	510	00100	01.81	33.70	26.96 *	00.120	1457_3							
	STO	00125	- 0.24	31.56	26.98	00.147	1448.3							
	145	00125	- 0.24	33.560	26 • 98		1443.3							
	085	00131	- 0.61	31.570	27.00		1446.7							
	)85 510	00146	01.61	33.760	21.03		1457.2							
	PRS	00159	00.61	33.17	27.10	00.171								
	1185	00[54	- 0.01	33.890 33.880	27.16		1449-9							
	18.5	00179	00.14	33.880	21.22		1452.7							
	510	00200	01.09	34.12	27.35	00.216	1456.3							
	995	00200	01.09	34.120	27.35	00.210	1456+3							
	517	00250	01.82	34.31	27.45	00.250	1460.6							
	OBE	00250	01.82	34-310	27.45	0002 70	1467.6							
	385	00281	02.32	34.430	27.51		1463.5							
	28.5	00298	02.34	34.480	27.55		1463.9							
	519	30300	02.41	34.52	27.58	00.280	1464.3							
	MAS	00304	02.79	34.580	27.50		1466-1							
	SBS	00306	03.10	34.600	27.58		1467.5							
	195	00332	05.04	34.900	27.61		1476.5							
	795	00159	05 • 32	34.950	27.62		1478.2							
	SID	00400	05.26	34.99	27.66	00.331	1478-7							
	385	00100	05.26	34.990	27.66		1478.7							
	185	00484	05.03	34.945	21.65		1479.0							
	(19.5	00495	04.8,	14.960	27.68		1478-4							
	5111	00500	04.83	34.97	27-70	00.379	1478.5							
	1.85	00500	04.83	34.975	27.70		1478.5							
	385	00515	04.84	34.970	21.69		1478.8							
	∩BS 1385	00552	04.51	34.920	21.69		1478.0							
	510	0056) 30693	24.23	34.890	27.10	00 / 25	1476.9							
	095	00400	04.07	34.89 34.890	27.71 27.71	00.425	1476 • 9							
	19.5	00654	04.07	34.890	21.12		1477.7							
			04-07	, ****			. 4.7.1							
					*****	• • • • • • • •	•							

Table NIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

CONSEC 0050 MONTH 04	SHIP EV WET	TEMP 03.9 HULB 03.3 14ETP 1010-2 J3 T/4	018 HG 32 3 SEA CL/TR		MEQ THER MEND-SPO MEN	13	TPACE		0).1	5 S2U 2 S2U	1306 1485 2 1485 28 1445 38
CASTNUMITIME LYLTYP DEPTH	TEMP SAL	1-APC12	HTAUKYU	SNO VEL	JXYG.	014	t at a	201	103	د 1 کا	4
sin ennaa	03.70 33.67	26.7H	00.000	1467.9							
19.3 085 00000	03.70 33.670	26.7 R		1463.8							
510 00010	03.70 33.67	25.78	00.013	1464.0							
085 00010	01.70 33.670	29.78		1464.0							
ST0 110020	03.70 33.67	25.78	90.026	1464.1							
085 00020	03.70 33.670	26.78		1464.1							
STD 00030	03.6н 33,67	26.78	00.038	1464.2							
785 00030	03.68 33.670	26.78		1464.2							
\$10 00050	03.68 33.69	26.80	00.364	1464.5							
095 00050	03.69 33.690	25.80		1464.5							
385 00063	03.67 33.700	26.81		1464 • 7							
\$10 00075	03.10 33.64	75.81		1467.4							
085 00075	03-10 33.640	25.81		1462.4							
SID 00100	02.36 33.94	27.12		1460.0							
00100 280	02+36 33.940	27.12		1460.0							
785 00102	02.31 33.950	27.13		1459.9							
\$10 00125	02.98 34.32	27.37		1463.7							
785 00125	02.98 34.320	27.37		463.7							
STD 00153	03.49 34.48	27.45		1466.5							
□8.5 0015.0 □8.5 001.6.0	03.49 34.480	27.45		1466.5							
	04.10 34.660	27.51		1467.9							
	04.11 34.660	27.53		1470.3							
	04.34 34.76	27.5 R		1471 - 3							
ეგვ იიკიი აზი იიკაე	04.34 34.760	27.5B		1471.3							
00/50	04.73 34.88	27.63		473.9							
	94.73 34.880	27.63		1473.9							
\$10 00.00 085 00300	04.79 34.94	21.67		475.0							
085 00340		27.67		475.0							
085 00170	05.13 35.020	27.70		1477.2							
STD 00400	04.81 34.960 04.86 34.99	27.69 27.70		476.3							
78 S 004 00	04.86 34.990			477.0							
785 00460	04.89 34.980	21•10 21 <b>•</b> 69		477.0							
STD 00500	04.71 34.98			479.1							
(185 00500	04.71 34.980	27•71 27•71		478.0							
\$10 00500	04.38 34.96	27.74		478.0							
285 00500	04.38 34.960	21.74		478.3							
510 00700	04.28 34.96	27.75		478.3							
085 00700	04.28 34.960	27.75									
STO 00400	04.32 34.98	27.76		479.5							
785 noago	04.32 34.980	27.76		481.4							
\$10 00900	04.13 34.95	21.75		492.2							
785 00900	04.13 34.950	21.75		482.2							
\$10 01000	03.95 34.93	21.76		483.1							
C85 0100g	03.95 34.935	27.76		483.1							

Table XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.- Continued

PEFET 31 8296 CONSEL 0351 LAT 43 35 N LON: 047 14 W	MONT: Day	1972 + 04 - 16 - 21.6	RGTOP 030R3 SHIP EV DATA USE 1 AREA 05				GT PER	WEND-TER WIND-SPD WEND-FTR WEATHER	10	TRACE OURAT		03.l	5	N SQ SQUARI SQUARI SQUARI	E 28
CASTNOW/TIME	LVLTYP	neeth	1 F M P	SAL	513M4-1	DYNDPIH	SND VEL	) X Y G	P)4	TOT P	402	NO3	\$103	P 4	
	STD	00300	04.14	33.09	25.28	00.000	1464.9								
21.6	บหร	00002	04.14	33.090	26.28		1464.9								
	985	00009	04.14	33.087	26.27	00 010	1465.0								
	510 085	00010	04.14 04.14	33.09	25.27 25.28	00.018	1465 • 0 1465 • 1								
	STD	000020	34.14	33.09	25.28	00.035	1465+2								
	185	00020	04.1	33.092	26.28		1465.2								
	SHE	00724	04.14	33.082	26.27	_	1465 - 3								
	STD	00030	34-10	31.69	26.76	00.050	1466.0								
	08.5 08.5	00033 00035	04.10	33.683	26.76 26.75		1466.0								
	095	30043	04.01	33.688	26.76		1465.9								
	510	00050	03.94	33.69	26.77	00.076	1465.7								
	185	00054	03.89	33.687	25.78		1465.5								
	TRS	00062	04.19	33.960 33.916	26.96		1467.3								
	□BS S*D	00069	03.82	33.99	26.96 27.08	00.105	1465.8								
	1185	00083	02.85	34.068	27.18	001.07	1462.1								
	OBS.	00331	02.95	34.047	27.19		1462.7								
	785	00097	02.48	34.062	27.20		1460 - 7								
	510 085	00100	02.55 02.56	34.13	27.25 27.26	00.128	1461.1								
	185	00119	03.45	34.135 34.269	27.28		1465.5								
	STO	00125	03.42	34.29	27.30	00.14R	1465.5								
	nes	00130	03.40	34.328	27-33		1465.5								
	ORS	00133	03.38	34.405	27.40		1465.7								
	5 T T TR S	00150	03.76	34.46	27.40 27.40	00.167	1467.6								
	nBS	00159	03.78 04.14	34.460 34.514	27.41		1469.4								
	280	00164	04.21	34.500	27.39		1469 - 8								
	ORS	00[85	04.95	34.692	27.46		1473.4								
	\$10	00200	05.10	34 - 70	27.45	00.201	1474.3								
	∩BS JBS	00225 00238	05.35 05.94	34.831 34.955	27.52 27.55		1475.9								
	510	00250	05.71	34.92	27.55	00.232	1477.9								
	OBS	00250	05.71	34.919	27.55		1477.9								
	ORS	00267	05.45	34.491	27.56		1477.1								
	3/8 S 510	00291 00307	04.63	34.817 34.89	27.59 27.63	00.259	1474.0								
	185	00307	04.92	34.894	27.63	00.257	1475.0								
	785	20321	04.94	34.900	27.62		1476.1								
	195	00323	04.84	34.891	27.63		1475.6								
	OHS.	00341	05.03	34.934	27.64		1476.7								
	78.5 78.5	00361 00368	04+85 05.06	34.932 34.960	27.66 27.66		1477.3								
	nes	30381	0 84	34.917	27.65		1476.5								
	185	00393	04.99	34.956	27.66		1477.4								
	510	00403	04.92	34.95	27.67	00.308	1477.1								
	185 5 <b>1</b> 7	00450 00500	04.47	34.928 34.92	21.10 21.10	00.355	1476-1								
	185	00500	04.42	34.921	27.70		1476.8								
	OBS	00551	04.54	34.961	21.72		1478-1								
	J85	00584	04-32	34.922	27.71		1477.7								
	78.5 510	005 99 005 00	04.46	34.926 34.93	27.70 27.70	00.402	1478.6 1478.6								
	385	00641	04.45	34.935	27.71	00.402	1479.2								
	STO	00700	04.15	34.89	27.70	00.449	1478.9								
	na S	00700	04.15	34.685	27.70		1478.9								
	18 S	00749	04.14	34.919	27.73	00 / 95	1479 - 7								
	ST0 045	00800 10e00	04.11 04.11	34.42 34.922	27.73 27.73	00.495	1480.4 1480.5								
	745	00847	04.05	34.717	27.74		1481.0								
	510	00300	04 • 01	34.91	27.74	00.540	1481.7								
	085	00907	04.01	34.912	21.74		1481.7								
	18.5 18.5	00953 00945	03.98 03.92	34.909	21.14 21.14		1482.4								
	510	01003	03.92	34.90	21.74	00.586	1482.9								
	18.5	01062	03.89	34.406	21-74		1481.9								
					•••••	• • • • • • •	•								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

\$\begin{array}{cccccccccccccccccccccccccccccccccccc	RFFID 31 9290 CONSEC 0055 LAT 43 28 N LONG 047 53 N	2 MONT	1972 H 04 16 23.9	BOTOP 03658 SHEP EV DATA USE L APEA US				GT PER 3 2	#INO-OLP WINO-SPO #INO-FOR #EATHER	١٠٥	TRACI			98 00.3	2	SOUAF SOUAF SOUAF SOUAF	PE 2
21.9	CASINOM/TIME	LVLTYP	оғртн	TEMP	SAL	S15MA-T	HTQONYO	SNO VEL	JXYG	P 34	TOT P	102	, N	03	5133	P 4	
21.9		STO	00000	06.33	34.11	26.83	00.000	1475.2									
\$10 00013 0.6.50 34.200 26.88 0.0.012 1476.2 \$150 00010 0.6.50 34.200 26.88 0.0.012 1476.2 \$150 00020 0.7.02 34.30 26.488 0.0.036 1480.0 \$150 00030 0.7.33 34.35 26.88 0.0.036 1480.0 \$150 00030 0.7.33 34.35 26.88 0.0.036 1480.0 \$150 00050 0.7.42 34.36 26.88 0.0.036 1480.0 \$150 00050 0.7.41 34.36 26.88 0.0.036 1480.6 \$150 00050 0.7.41 34.36 26.88 0.0.036 1480.6 \$150 00070 0.0.75 04.55 34.00 27.03 0.0.087 1480.6 \$150 00070 0.0.45 34.00 27.03 0.0.087 1480.6 \$150 00090 0.3.88 34.160 27.13 0.0.087 1480.6 \$150 00090 0.3.88 34.160 27.13 0.0.087 1480.6 \$150 00090 0.5.18 34.46 27.27 0.0.131 1477.7 \$150 00150 0.6.25 34.66 27.27 0.0.131 1477.7 \$150 00150 0.5.12 34.46 27.27 0.0.131 1477.7 \$150 00150 0.5.12 34.46 27.28 0.0.038 0.0	21.9						30-30 /										
185							00-012										
\$10 00020   C7.02 34.30   24.48   00.024   1474.5   \$10 00010   07.33   34.35   24.88   00.06   1480.0   \$18																	
985 00010 07.33 34.350 26.88 1480.0 985 00040 07.42 34.360 26.88 1480.5 985 00050 07.41 34.360 26.88 00.059 1480.6 985 00050 07.41 34.360 26.88 1480.6 985 00050 07.41 34.360 26.88 1480.6 985 00050 07.41 34.360 27.03 00.087 1480.6 985 00050 05.58 34.09 27.03 00.087 1480.7 985 00125 06.25 34.00 27.77 1477.7 985 00125 06.25 34.00 27.77 1477.7 985 00150 05.12 34.460 27.71 1477.7 985 00150 05.12 34.460 27.71 1477.7 985 00150 05.12 34.460 27.74 1477.3 985 00150 05.12 34.460 27.74 1477.3 985 00150 05.12 34.460 27.74 1477.3 985 00150 05.12 34.460 27.74 1477.3 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00150 05.12 34.460 27.74 1477.0 985 00160 07.43 35.070 27.43 1477.0 985 00200 07.43 35.070 27.43 1477.0 985 00200 07.43 35.070 27.43 1477.0 985 00200 07.43 35.070 27.43 1480.1 985 00200 07.43 35.070 27.43 1480.1 985 00200 07.43 35.070 27.43 1480.1 985 00200 07.43 35.070 27.43 1480.1 985 00200 07.43 35.070 27.43 1480.1 985 00200 07.43 35.070 27.43 1480.1 985 00200 07.45 34.910 27.46 1480.2 985 00200 07.45 34.910 27.46 1480.2 985 00200 07.45 34.910 27.46 1480.2 985 00200 07.45 34.910 27.46 1480.2 985 00200 08.55 34.990 27.47 1480.3 985 00200 08.55 34.990 27.47 1480.3 985 00200 08.55 34.990 27.40 1479.9 985 00400 05.56 34.990 27.40 1479.9 985 00400 05.56 34.990 27.40 1479.9 985 00400 05.56 34.990 27.40 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.7 985 00400 08.55 34.980 27.70 1479.70 1479.7 985 00400 08.55 34.980 27.70 1479.9 985 00400 08.55 34.980 27.70 1479.9 985		510			34.30	26. PR	00.024	1473.5									
985							00.036										
\$10 00050 07.41 34.360 20.88 00.059 1480.6 \$10 00075 04.55 34.090 27.03 00.087 1469.2  885 00070 03.88 34.160 27.15 1466.7  \$10 001075 04.55 34.090 27.03 1469.2  885 00090 03.88 34.160 27.15 1466.7  \$10 001075 06.25 34.66 27.77 00.111 1477.7  885 00125 06.25 34.66 27.77 00.111 1477.7  885 00125 06.25 34.66 27.77 00.111 1477.7  885 00130 00.51 34.460 27.72 00.152 1471.3  885 00157 05.23 34.460 27.72 00.152 1471.3  885 00157 05.23 34.460 27.72 1471.3  885 00157 05.23 34.460 27.72 1471.3  885 00157 05.23 34.460 27.72 1471.3  885 00167 05.23 34.460 27.73 1470.5  885 00170 07.43 35.070 27.43 00.150 1484.1  885 00200 07.43 35.070 27.43 00.150 1484.1  885 00200 07.43 35.070 27.43 00.150 1484.1  885 00200 07.43 35.070 27.43 00.150 1484.1  885 00200 06.29 34.910 27.46 0.224 1480.2  885 00170 06.35 34.600 27.76 0.224 1480.2  885 00170 06.35 34.600 27.76 0.224 1480.2  885 00200 07.43 35.070 27.43 0.150 0.224 1480.2  885 00200 07.43 35.070 27.43 0.190 1484.1  885 00200 07.43 35.070 27.43 0.190 1484.1  885 00200 07.43 35.070 27.46 0.224 1480.2  885 00200 07.43 35.070 27.46 0.224 1480.2  885 00200 07.43 35.070 27.46 0.224 1480.2  885 00200 06.29 34.910 27.46 0.225 1472.8  885 00200 06.25 34.600 27.72 1480.3  885 00300 06.35 34.600 27.72 1472.8  885 00300 06.35 34.600 27.72 1472.8  885 00300 06.35 34.600 27.72 1472.8  885 00300 06.35 34.600 27.72 1472.8  885 00300 06.35 34.600 27.72 1472.8  885 00300 07.43 34.900 27.47 1480.3  885 00300 07.43 34.900 27.47 1480.3  885 00300 07.43 34.900 27.47 1480.3  885 00300 07.43 34.900 27.47 1480.3  885 00300 07.47 34.960 27.70 1477.7  885 00300 07.47 34.960 27.70 1477.7  885 00300 07.47 34.960 27.70 1477.7  885 00300 07.47 34.960 27.70 1477.7  885 00300 07.47 34.960 27.70 1477.7  885 00300 07.47 34.960 27.70 1477.7  885 00300 07.47 34.900 27.70 1477.7  885 00300 07.47 34.900 27.70 1477.7  885 00300 07.47 34.900 27.70 1477.7  885 00300 07.47 34.900 27.70 1477.7  885 00300 07.47 34.900 27.70 1477.7  885 00300 07.47 34.900 27.70 1477.7  885 00300 07.47 34.900 27.70 1477.7  885 00300 07.47 34																	
185																	
STO   OPOTES   O4.55   34.09   27.03   00.087   1469.2     OBS   O00900   O3.98   34.100   27.103   1466.7     STO   O0100   O5.73   34.59   27.12   00.111   1475.1     STO   O0125   O6.25   34.66   27.27   00.111   1477.7     OBS   O0125   O6.25   34.66   27.27   00.111   1477.7     OBS   O0131   O5.50   34.60   27.27   1477.7     OBS   O0131   O5.10   34.46   27.26   1476.5     STO   O0151   O5.12   34.66   27.27   00.151   1475.3     OBS   O0125   O6.25   34.66   27.27   1477.7     OBS   O0157   O5.12   34.46   27.26   1476.5     OBS   O0160   O5.12   34.46   27.26   1476.5     OBS   O0160   O4.23   34.460   27.36   1476.5     OBS   O0160   O4.23   34.460   27.34   1470.5     OBS   O0160   O7.43   35.070   27.43   1470.0     OBS   O0200   O7.43   35.070   27.43   1486.1     OBS   O0200   O7.43   35.070   27.43   1486.1     OBS   O0200   O7.43   35.070   27.43   1486.3     STO   O0500   O6.29   34.910   27.46   1480.2     OBS   O0750   O6.29   34.910   27.46   1480.3     STO   O0300   O4.35   34.66   27.27   1472.8     OBS   O0100   O4.35   34.66   27.27   1472.8     OBS   O0100   O4.35   34.66   27.27   1472.8     OBS   O0100   O5.63   34.60   27.52   1472.8     OBS   O0100   O5.63   34.60   27.52   1472.8     OBS   O0100   O5.63   34.60   27.52   1472.8     OBS   O0400   O5.66   34.60   27.52   1472.8     OBS   O0400   O5.66   34.60   27.52   1472.8     OBS   O0400   O5.66   34.60   27.52   1472.9     OBS   O0500   O5.19   35.00   27.67   00.367   1480.0     OBS   O0500   O5.19   35.00   27.67   00.367   1480.0     OBS   O0500   O5.19   35.00   27.67   00.367   1480.0     OBS   O0500   O5.19   35.00   27.67   00.367   1479.7     OBS   O0500   O5.19   35.00   27.67   00.507   1479.7     OBS   O0500   O5.19   35.00   27.67   00.507   1479.7     OBS   O0500   O5.19   34.90   27.75   00.507   1479.7     OBS   O0500   O5.19   34.90   27.75							00.059										
185																	
085 00090 03.88 34.160 27.15 1466.7  S1T0 00100 05.73 34.50 27.29 00.111 1475.1  S1T0 00125 06.25 34.660 27.27 00.111 1477.7  JRS 00131 05.50 34.660 27.27 1477.7  JRS 00131 05.50 34.60 27.21 1477.7  JRS 00150 05.12 34.60 27.26 1473.3  JRS 00150 05.12 34.60 27.26 1473.3  JRS 00150 05.12 34.60 27.26 1473.3  JRS 00170 04.33 34.400 27.24 1474.0  JRS 00170 04.33 34.400 27.34 1470.0  JRS 00170 04.33 34.400 27.34 1470.0  JRS 00170 07.43 35.07 27.43 00.190 1484.1  S1T0 00700 07.43 35.07 27.43 00.190 1484.1  S1T0 00700 07.43 35.07 27.43 00.190 1484.1  JRS 00200 07.43 35.07 27.43 00.190 1486.1  S1T0 00750 06.29 34.910 27.46 00.227 1470.0  JRS 00270 06.35 34.910 27.46 00.227 1470.0  JRS 00300 04.35 34.600 27.48 00.227 1470.0  JRS 00300 04.35 34.60 27.48 00.227 1470.0  JRS 00300 04.35 34.60 27.48 00.227 1470.0  JRS 00300 04.35 34.60 27.49 1470.3  JRS 00300 04.35 34.600 27.40 1470.3  JRS 00300 04.35 34.600 27.60 1470.3  JRS 00300 05.50 35.00 27.60 1470.3  JRS 00400 95.56 34.90 27.67 1470.3  JRS 00400 95.50 34.90 27.67 1470.3  JRS 00400 95.50 34.90 27.67 1470.3  JRS 00							00.087										
STO   00100   05.73   34.59   27.29   00.111   1475.1     STO   00125   06.25   34.66   27.27   1477.7     BS   00131   05.50   34.460   27.21   1474.5     STO   00150   05.12   34.46   27.26   00.152   1473.3     BS   00150   05.12   34.46   27.24   1474.5     BS   00150   05.12   34.46   27.24   1474.0     BS   00150   05.23   34.460   27.24   1474.0     BS   00150   05.23   34.460   27.24   1474.0     BS   00150   07.43   34.460   27.34   1470.5     BS   00170   04.33   34.460   27.34   1470.5     BS   00100   07.43   35.070   27.43   00.190   1484.1     BS   00200   07.43   35.070   27.43   00.190   1484.1     BS   00200   07.43   35.070   27.43   00.224   1480.2     BS   00200   06.55   34.930   27.46   1480.3     STO   00300   04.35   34.64   27.48   00.257   1472.8     DS   00300   04.35   34.66   27.52   1475.9     DS   00300   04.35   34.66   27.52   1479.9     DS   00400   05.56   34.990   27.67   1479.9     DS   00400   05.56   34.990   27.67   1479.9     DS   00400   05.56   34.990   27.67   1479.9     DS   00500   05.19   35.000   27.67   1479.7     DS   00500   05.19   35.000   27.67   1479.7     DS   00500   05.19   35.000   27.67   1479.7     DS   00500   04.37   34.96   27.77   1479.7     DS   00500   04.37   34.96   27.77   1479.7     DS   00700   04.33   34.97   27.69   1479.7     DS   00700   04.33   34.97   27.75   00.553   1481.1     DS   00700   04.33   34.97   27.75																	
STO   O0125   O6.25   34.66   27.27   O0.131   1477.7     BS   O0125   O6.25   34.66   27.27   C7.21   C7.77     BS   O0150   O5.12   34.46   27.26   C7.26   C7.27     BS   O0150   O5.12   34.46   27.26   C7.26							00.111										
085 00125 06.25 34.460 27.27 1477.7  085 00131 05.50 34.460 27.27 1474.5  510 00150 05.12 34.460 27.26 00.152 1473.3  085 00157 05.23 34.460 27.24 1474.5  085 00157 05.23 34.460 27.24 1474.5  085 00170 04.33 34.460 27.34 1470.5  085 00180 04.23 34.460 27.34 1470.5  510 00700 07.43 35.07 27.43 00.190 184.1  785 00200 07.43 35.07 27.43 1480.1  510 00700 07.43 35.07 27.43 1480.2  510 00750 06.29 34.91 27.46 00.22 1480.2  985 00750 06.29 34.91 27.46 1480.2  985 00750 06.29 34.91 27.46 1480.2  985 00750 06.35 34.930 27.47 1480.2  985 00300 04.35 34.640 27.48 00.257 1472.8  085 00300 04.35 34.660 27.52 1472.8  085 00300 04.35 34.660 27.52 1472.8  085 00300 04.35 34.660 27.52 1472.8  085 00300 05.56 34.99 27.62 1472.3  085 00300 05.56 34.99 27.62 1479.8  510 00400 05.56 34.99 27.62 1479.8  510 00500 05.60 35.9 35.000 27.67 1479.7  085 00400 05.56 34.99 27.62 1479.7  085 00400 05.56 34.99 27.62 1479.7  085 00400 05.56 34.99 27.62 1479.7  085 00400 05.56 34.99 27.62 1479.7  085 00400 05.56 34.99 27.67 1479.7  085 00400 05.56 34.99 27.67 1479.7  085 00400 05.56 34.99 27.67 1479.7  085 00400 05.56 34.99 27.67 1479.7  085 00500 04.91 34.90 27.67 1479.7  085 00500 05.19 35.000 27.67 1479.7  086 00500 05.19 35.000 27.67 1479.7  087 00500 04.91 34.90 27.67 1479.7  088 00500 05.19 35.000 27.67 1479.7  088 00500 04.91 34.90 27.67 1479.7  088 00500 04.91 34.90 27.67 1479.7  088 00500 04.91 34.90 27.77 05.41 1479.7  088 00500 04.91 34.90 27.77 1479.7  088 00500 04.91 34.90 27.77 1479.7  088 00500 04.91 34.90 27.77 1479.7  088 00500 04.91 34.90 27.77 1479.7  088 00500 04.91 34.90 27.77 1479.7  088 00500 04.91 34.90 27.77 1480.77 1480.7																	
385   00151   05-50   34-460   27-21   4   474-5     510   00159   05-12   34-460   27-26   00-152   1473-3     385   00157   05-23   34-460   27-26   1473-3     385   00170   04-38   34-460   27-24   1474-0     385   00170   04-38   34-460   27-34   1470-5     385   00170   07-43   35-07   27-43   00-190   1484-1     510   00200   07-43   35-07   27-43   00-190   1484-1     510   00250   06-29   34-91   27-46   00-224   1480-2     385   00270   06-35   34-94   27-47   1480-3     510   00300   04-35   34-64   27-48   00-257   1472-8     385   00300   04-35   34-64   27-48   00-257   1472-8     385   00300   04-35   34-64   27-48   00-257   1472-8     385   00300   04-35   34-64   27-48   00-257   1472-8     385   003100   04-35   34-64   27-48   00-257   1472-8     385   003100   04-35   34-64   27-48   00-257   1472-8     385   003100   04-35   34-64   27-48   00-257   1472-8     385   003100   04-35   34-64   27-48   00-257   1472-8     385   003100   04-35   34-64   27-48   00-257   1472-8     385   003100   04-35   34-64   27-52   1472-9     385   003100   05-65   34-99   27-62   1479-9     385   00300   05-65   34-99   27-62   1479-9     385   00400   05-65   34-99   27-62   1479-9     385   00400   05-65   34-99   27-67   1479-9     385   00400   05-65   34-99   27-67   1479-7     385   00500   05-64   35-050   27-67   1479-7     385   00500   05-19   35-000   27-67   1479-7     385   00500   06-72   34-960   27-70   00-367   1479-7     385   00500   06-72   34-960   27-70   00-415   1479-7     385   00500   06-72   34-960   27-70   00-415   1479-7     385   00500   06-72   34-960   27-70   00-415   1479-7     385   00500   06-72   34-960   27-70   00-415   1479-7     385   00500   06-72   34-960   27-70   00-415   1479-7     385   00500   06-72   34-960   27-70   00-507   1479-7     385   00500   06-47   34-960   27-70   00-507   1479-7     385   00500   06-47   34-960   27-70   00-507   1480-7     385   00600   06-47   34-960   27-70   00-507   1480-7     385   00600   06-47   34-960   27-70   00-50																	
\$10 00150 05.12 34.46 77.26 00.157 1473.3  085 00157 05.23 34.460 27.26 1473.3  085 00170 04.33 34.460 27.24 1470.5  085 00170 04.33 34.460 27.34 1470.5  085 00170 04.33 34.440 27.33 1470.0  8510 00700 07.43 35.07 27.43 00.190 1484.1  785 00200 07.43 35.070 27.43 1486.1  \$510 00750 06.29 34.91 27.46 00.224 1480.2  985 00750 06.29 34.91 27.46 00.224 1480.2  985 00750 06.29 34.91 27.46 00.224 1480.2  985 00750 06.29 34.91 27.46 00.257 1472.8  \$10 00300 04.35 34.660 27.48 00.257 1472.8  985 00300 04.35 34.660 27.52 1472.8  985 00300 04.35 34.660 27.52 1472.8  985 00300 04.35 34.660 27.52 1472.8  985 00300 04.35 34.660 27.52 1472.8  985 00300 04.35 34.660 27.52 1472.8  985 00300 04.35 34.660 27.52 1472.3  985 00300 04.35 34.660 27.52 1472.3  985 00300 05.60 34.990 27.62 1479.9  985 00400 05.56 34.990 27.62 1479.9  985 00400 05.56 34.990 27.62 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.67 1479.7  985 00500 05.19 35.000 27.70 1479.7  985 00500 04.55 34.990 27.70 1479.7  985 00700 04.55 34.990 27.70 1479.7  985 00700 04.55 34.990 27.70 1479.7  985 00700 04.55 34.990 27.70 1479.7  985 00700 04.55 34.990 27.70 1479.7  985 00700 04.55 34.990 27.70 1480.7  985 00700 04.55 34.990 27.70 1480.7  985 00700 04.55 34.990 27.70 1480.7  985 00700 04.55 34.990 27.77 1480.7  985 00700 04.33 34.970 27.75 1480.7  985 00700 04.33 34.970 27.75 1480.7  986 0000 04.17 34.955 27.75 00.551 1480.1		JR S				27.21 *											
OBS				05.12	34.46	27.26	00.152	1473.3									
185 00170 04.34 34.460 27.34 1470.5 085 00180 04.23 34.4630 27.33 1470.0 510 00200 07.43 35.07 27.43 00.190 1484.1 510 00250 06.29 34.91 27.46 00.224 1480.2 985 007.50 06.29 34.910 27.46 1480.3 510 00300 04.35 34.64 27.48 00.257 1472.8 088 00300 04.35 34.660 27.52 1472.8 088 00300 04.35 34.660 27.52 1472.8 088 00300 04.35 34.660 27.52 1472.8 088 00300 04.35 34.660 27.52 1472.8 088 00300 04.35 34.69 27.61 1472.8 088 00300 04.35 34.69 27.61 1472.8 088 00300 05.56 34.99 27.62 1479.8 510 00400 05.56 34.99 27.62 1479.8 085 00400 05.56 34.99 27.62 1479.9 085 00400 05.56 34.99 27.62 1479.7 085 00400 05.56 35.000 27.66 1481.1 510 00500 05.19 35.000 27.66 1481.1 510 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 05.19 35.000 27.67 1479.7 085 00500 04.12 34.960 27.70 1479.7 085 00500 04.12 34.960 27.70 1479.7 085 00500 04.55 34.980 27.70 09.415 1479.7 085 00500 04.55 34.980 27.71 1479.5 510 00000 04.55 34.980 27.72 1479.5 510 00000 04.34 34.940 27.72 1481.4 085 00000 04.33 34.970 27.75 00.551 1481.1 085 00700 04.33 34.970 27.75 00.551 1481.1 085 00700 04.33 34.970 27.75 00.553 1481.1 085 00700 04.17 34.950 27.75 00.551 1481.1																	
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185																	
STO         00250         06.29         34.91         27.46         00-224         1480.2           985         00270         06.35         34.930         27.47         1480.3           510         00300         04.35         34.64         27.48         00.27         1472.8           985         00300         04.35         34.640         27.52         1472.8           985         00300         04.20         34.660         27.52         1472.3           985         00360         04.20         34.660         27.52         1472.8           985         00381         04.80         34.860         27.62         1479.8           510         00400         05.66         35.000         27.62         1479.8           985         00400         05.56         34.99         27.62         09.315         1479.9           985         00400         05.56         35.000         27.67         1479.7         1479.7           985         00400         05.59         35.030         27.67         1479.7         1479.7           985         00400         05.64         35.000         27.67         1479.0         1479.0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>00.190</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							00.190										
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385         0333         95,62         35,000         27,62         1479,8           \$1D         00400         95,56         34,99         27,62         1479,9           085         00400         05,56         34,990         27,62         1479,9           085         00430         05,39         35,030         27,67         1479,7           085         00500         05,64         35,050         27,66         1481,1           \$10         00500         05,19         35,000         27,67         00,367         1480,0           985         00500         05,19         35,000         27,67         00,367         1480,0           985         00500         05,19         35,000         27,67         00,367         1480,0           985         00500         05,19         35,000         27,67         1480,0           985         00500         04,172         34,960         27,70         00,415         1479,7           985         00600         04,72         34,960         27,72         1479,5         1479,5           \$10         00100         04,55         34,980         27,73         1480,7         1480,7																	
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							300 378										
		1185	01050	04.14	34.960	21.16		1484-8									

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296, -Continued

	0053 19 N	HONT	1972 H 04 17 02•7	8010P 03617 SHIP EV DATA USE 1 AREA 05	AIR T MET R BARON CLOOK	ULA 03.9 ETA 1007.1	018 HG 34 56a Cl/ta		#IND-OIR #IND-SPO #INO-FOR #EATHE?		TRACE		00.2	5 2	N SJ 1 SQUARE SQUARE SQJARE	2 26
LONG 047	28 W	HUUN	02.7	4KE# 05	CLOO	1/4	(1/14		wearne.	*1	9-10	111. 117		•	) <b>4</b> ) • • •	,,
CASTNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	S [GMATT	OYNDPTH	SNO VEL	3X4.C	P )4	TOT P	307	¥03	5113	9.4	
		510	00000	11.48	35,13	26.81	00.000	1495.8								
	02.7	OBS STO	00000	11.48 11.49	35.135 35.13	26.81	00-012	1495.8								
		SID	00020	11.50	35.13	26.81	00.025	1496.2								
		085 510	000 24 000 30	11.50 11.50	35.135 35.14	26.81	00.038	1496-3								
		SID	00050	11.49	35-14	26.81	00.063	1496.7								
		085 985	00050 00066	11.4 <sup>9</sup> 11.44	35.139 35.113	26.81 26.80		1496.8								
		S T D D B S	00075	09.95	34.81 34.691	26.83 26.85	00.094	1491.2								
		08.8	00091	08.56	34.574	25.87		1486.0								
		5 T D O B S	00100	08.32 08.32	34.62 34.616	76.94 26.94	00.124	1485.3								
		08.5	00124	08.20	34.604	26.95	00.15.	1485 - 2								
		510 085	00125 00141	08-28 08-85	34.62 34.770	26.95 26.98	00.152	1485.6 1488.2								
		OBS STD	00143	08.74 09.95	34-771 35-11	27.00 27.07	00.179	1487.8 1492.8								
		085	00155	10.60	35.297	27.10	001177	1495.5								
		08.S 08.S	00170	10.57	35.304 35.198	27-11 27-11		1495.6 1494.0								
		OBS	00184	10.16	35.235	27.13		1494-3								
		085 085	00196 00199	09-61 09.59	35.13 P	27.140 27.19		1492.4								
		STD Des	00202	09-62	35+20 35+209	27.19 27.19	00.228	1492.5 1492.8								
		URS	00205	09.63	35.148	27.15 *		1492.6								
		DBS DBS	00214	08-61 08.58	34.995 34.969	27.20 27.18		1488.7								
		085	00223	07.94	34.89R	27.22		1486.2								
		D85	00226 00240	08.04 07.90	34.965 34.960	27•26 27•28		1486.7								
		Des	00247	08.36	35.108 35.083	27.32 27.30		1488.5								
		085 STO	00249 00250	08.40 08.40	35.08	21.29	00.273	1488.6								
		08S	00252 00256	08.40 08.21	35.047 34.95 P	27.27 27.270*		1488-7								
		UBS	00258	07-94	34 - 98 P	27.210										
		DBS OBS	00261	07.69 07.88	35.030 35.049	27.36 21.35		1486.1 1486.9								
		nes StD	00273	07.79 07.11	34.997 34.88	27.32 • 27.33	00.314	1486.6								
		DBS	00300	07.11	34.885	27.33	554 714	1484.3								
		085 085	00305 00309	06.97 07.09	34.943 34.956	27.40 27.39		1483.9 1484.4								
		286	00325	06.75	34.907	27.40		1483-3								
		085 D85	00340 00349	06-80 07.08	34.976 35.020	21.45 21.44		[483.8 1485.1								
		085 085	00357	06-32 07-04	34-910 34-999	27.46 27.43 •		1482.1 1485.1								
		085	00371	06.37	34.900	27.45		1482.5								
		085 085	00387	06.19 06.04	34.874 34.905	27•45 27•49		1482.0								
		OAS Sto	00399 00400	06.30 06.32	35.001 35.00	27.54 27.53	00+385	1482.9								
		088	00402	06.37	34.995	27.52	004,70,7	1483.2								
		D85 D85	00418 00424	05.98 05.72	34.903 34.869	27.50 27.51		1481 - 8								
		085	00434	05-36	34.873	27.55		1479.5								
		08S 085	00449 00455	05.40 05.53	34.887 34.920	27.56 27.57		1480.6								
		085	004 73 004 99	05.09 04.74	34.848 34.834	21.57 27.60		1479.0 1477.9								
		510	005 00	04.74	34 - 83	27.60	00.444	1478.0								
		D85	00523 00539	04.85 05.39	34.909 35.914	27.64 27.66		1478.9 1481.5								
		085 085	00549 00576	05.26 05.25	34.984 35.008	27.65 27.67		1481.1 1481.5								
		STO	006-00	05.01	34.97	27.67	00-497	1460.9								
		08S 08S	00600 00624	05.01 05.01	34.968 34.989	27.67 27.69		1480-9								
		085 085	00649 00676	04.86	34.964 34.965	27.68 27.69		1481-1								
		UBS	006 9 R	04-78 04-72	34 - 96 9	21.70		1481.2								
		51D 095	00700	04.72	34.97 34.984	27.70 27.71	00.546	1481.4								
		08.5	00749	04.72	34.981	27.71		1482.2								
		085 510	20773 00900	04.69 04.65	34.985 34.98	27•72 2 <b>7•7</b> 2	00.594	1482.5 1482.8								
		085 085	00 5 0 9 00 6 2 5	04.65 04.56	34.97R 34.977	27.72 27.73		1482.B 1482.R								
		785	00949	04.52	34.997	27.75		1483-1								
		085 085	00874 00899	04.59 04.59	34.989 34.999	21.73 27.74		1483.8								
		510 085	00900	04-59	35.00	27.74	00.641	1484.2								
		78.S	00927 00950	03-43 P 04.50	34.986 35.009	27.850 27.76 •		1484.7								
		51D 085	01000	04.16 04.12	34.99 34.951	27.79 27.76 •	00.685	1484.1								
		085	01056	04.18	34.91 9											

REFT CONS LAT	43 10.0	4 ₩∏N1 N DAY	1972 14 04 17	AUTUR 0375 SHIP EV DATA USE APEA 0	HET L BAPO	BULE 06.7	34 58 A	IGT PER 4 2	#140-01R #140-5P0 #140-F3R	15	TRAC I		00.2	5	N SO 1306 SQUARE 26 SQUARE 26
LONG	5 047 00.0	# HOU	177.4	4-7# 0	, (100	7 1/4	CL/T		MEATHFO	<b>Y</b> 5	OR LG	110 110	)	1	23746E 33
C A	STNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	STUMB-1	DYNOPTH	SNO VEL	DYYG	P )4	TOT P	NO2	NO3	5133	P4
		510	00000	09.93	34.66	26.72	00.000	1489.7							
	05.4	085	00000	09.93	34.664	76.72		1489.7							
		085 510	00005	10.20	34.787 34.78	26.77	00 0.0	1490.9							
		28.5	00714	10.26	34.778	26.75 26.74	00.013	1491.2 1491.5							
		28.5	00012	10.35	34.785	26.74		1491 • 7							
		5 10	00020	10.35	34.78	26.74	00.026	1491.7							
		085 510	00023	10.35	34.784	26.74		1491 -8							
		ORS	00035	10-37	34•78 34•777	26.73 26.73	00.039	1492.0 1492.1							
		510	00050	0.40	34.78	26.73	00.066	1492.4							
		095	00053	10.40	34.782	26.73		1492.5							
		985	00064	10.44	34.811	26.75		1492.8							
		785 \$1p	00075	10.07	34.793 34.78	26.80	00.099	1491.6							
		nAs	00087	08.14	34.537	26.80 26.91	00.044	1491.2							
		28.5	2000	08.17	34.583	26.94		1484 - 6							
		985	00000	08.75	35.00 P	27.180									
		510 085	00100 00104	08.92 09.42	34.82	27.01 •	00.128	1487.8							
		^R S	00112	09.51	34.891 34.902	26.98 * 26.98		1499.8 1490.3							
		286	00118	09-45	34-953	26.95 •		1490.1							
		085	00123	09.11	34.753	26.93		1488.8							
		\$10	00125	09.02 08.85	34-75	26.94	00.156	1488.5							
		085 085	00132	08.16	34.755 34.706	26.97 27.04		1487.9							
		UBS	00137	08.67	35.14 P	27-300		1485.3							
		STO	00150	08.75	34.83	27.04 •	00.183	1468.0							
		785	00158	09.25	35.26 P	27.300									
		085 085	00166 00177	09.94 10.29 P	35.15 P 35.22 P	27.100* 27.090									
		285	86100	N8.92	34.959	27.12		1489 - 6							
		510	00200	08 • 88	34.76	27.12	00.234	1489.5							
		085	90209	08 - 76	34.952	27.14		1499.1							
		085	00226 00247	09.29	35.101	27.17		1491 - 6							
		510	00250	08.83	34.980 35.00	27.15 27.16	00.283	1490.1							
		ORS	00272	08.79	35.0AB	27.24	0.11203	1490.5							
		795	06 200	08.65	35.086	27.26		1490.3							
		510 085	00300	08.65	35.09	27.27	00.329	1490.4							
		1185	00300	08.65 08.15	35.095 35.040	27.27		1490.4							
		78.5	00330	08.34	35.092	27.31		1487.8							
		ემვ	00350	07.56	34.977	27.34		1486.9							
		OBS	00375	06.24	34.755	27.35		1481 - 9							
		ORS	00400 30407	06.4R 06.55	34.86 34.890	27.40	00.410	1483.4							
		085	00431	05.17	34.651	27.40		1483.8							
		085	00454	04-68	34-633	27.44		1476.7							
		ORS	00473	05.33	34.806	27.50		1479.9							
		785 STD	004 <i>87</i> 00500	04.96 05.17	34.747	27.50	00 470	1478.5							
		085	00100	05.19	34.84 34.847	27.55	00.478	1479.7							
		085	00512	05.01	34.844	27.57		1479.3							
		OB 5	0.05.28	05.23	34.985	27.58		1480.5							
		085 085	00555 00578	05.11	34.979	21.59		1480.5							
		OBS	00589	05.35 05.20	34.956 34.943	27.62		1481+9 1481-5							
		510	00600	05.24	34.96	27.64	00.535	1481.8							
		285	00605	05.25	34.972	27.64		1482.0							
		085	00654	04.99	34.972	27.68		1481.7							
		UBS STD	00680 00700	05.64 05.57	35.091 35.08	27•69 27•69	00 587	1485.0							
		085	00700	05.57	35.083	27.69	00.587	1485.0							
		285	00747	05.30	35.074	27.71		1485.0							
		\$10	00800	05.05	35.03	27.71	00.636	1484-4							
		⊕ 8.5 ∪ 9.5	00900	05.04	35.028 35.008	27.7L 27.73		1484.4							
		กอร	00843	04.69	35.008	27.74		1484.0 1484.6							
		510	00400	04.69	35.01	27.74	00.684	1484.6							
		510	01000	04.53	34.98	27.74	00.732	1485.6							
		38S 08S	01001 01052	04.53 04.36	34.984 34.976	27.74 27.75		1485.6 1485.8							

Table XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

REFIO 31 8296 YEAR CONSEC 0055 MONTH LAT 42 10 N DAY	04 SHIP EV 17 DATA USE 1	MET BULB 05.6		HIND-SPO 40 TRACE	110N 01-9 2 STJARE 2
LONG 047 40 M HOUR	12.7 AREA 05	ELOUD 1/4	CLITE	MEATHER AT ONTO	TIP LID 1 SQUARE 2
CASTNUM/TIME LVLTYP	DEPTH TEMP	SAL CIGHA-T	DANOBLH 200 AET	DXYS PI4 TOT P	+9 EC17 FON SON
\$10	00000 08.04	34.32 26.75	00.000 1482.2		
12.7 085	00000 09.04	34.320 26.75	1482.2		
STO	00010 09.04	34.32 26.76	00-013 1482-4		
085	70710 08.04	34.325 26.76	1482.4		
\$10	00020 00.09	34.37 26.79	00.026 1482.8		
085	00020 08-09	34.370 26.79	1482.8		
STO	00030 06.73	34.38 26.99	00.038 1477.7		
085	00030 06.73	34.380 26.99	1477.7		
PAS	00040 06.99	34-540 27.08	1479.0		
012	00050 06.67	34.49 27.08	00.058 1477.9		
าธร	00065 06.39	34.450 27.09	1476.9		
STO	00075 06.41	34.49 27.12	00.083 1477.3		
5.70	00100 06.48	34.58 27.18	00.107 1478.1		
nes	00100 06.48	34.580 27.18	1478.1		
510	00125 07.04	34.66 27.17	07.130 1490.8		
าตร	00125 07.04	34.660 27.17	1480.8		
510	00150 04.25	34.41 27.31	00-151 1469-6		
085	00150 04 • 25	34.410 27.31	1469.6		
510	00200 04-03	34.48 27.39	00.188 1469.6		
085	00200 04.03	34.480 27.39	1469.6		
510	00250 04-10	34.60 27.48	00.222 1470.9		
00\$	00250 04.10	34.600 27.48	1470.9		
STO	00300 04.58	34.72 27.52	00.253 1473.8		
085	00300 04.58	34.720 27.52	1473.8		
085	00340 06.12	35.030 27.58	1481.2		
0.85	00390 05.00	34.920 27.63	1477.3		
Sio	00400 05.05	34.94 27.64	00.309 1477.7		
nes.	00400 05.05	34.940 27.64	1477.7		
095	00420 05.74	35.070 27.66	1481.0		
280	00455 05.72	35.080 27.67	1481 + 5		
\$10	00500 05-13	35.02 27.70	00.358 1479.9		
285	00500 05-13	35.020 27.70	1479.8		
510	00600 04.83	35.01 27.73	00.403 1480.2		
Oas	00600 04.83	35.015 27.73	1480.2		
510	00700 04.46	34.98 27.74	00-448 1480.3		
0.6 5	00700 04.46	34.980 27.74	1480.3		
085	00740 04.51	34.980 27.74	1481 - 2		
085	00759 04.35	34.980 27.75	1490.8		
STO	00800 04.46	35.00 27.76	00.491 1482-0		
085	00300 04.46	35.000 27.76	1482 -0		
08 S	00830 04.55	35.020 27.76	1482.9		
		••••			

Tyble N111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 R296 CONSEC 0756 LAT 42 25 N LING 048 07 W	HONTI DAY	1972 04 17 22.3	BOTOP 03550 SHIP EV DATA USE 1 AREA 05	AIR 1 WET 6 BARDY CLOU(	BULB 05.6 METR 1006.4		GT PER 9 4	4140-540 #140-540 #140-618	17	TRACE OURAT		03.3	5	N SQ I SQUARE SQUARE SQUARE	2 28
CASTNUM/FIME	( <b>VL T</b> YP	DEPTH	TEMP	546	51GMA-T	0 4N0p1H	SNO VEL	)XYG	ρ ) 4	TOT P	102	<b>NO3</b>	5133	P 4	
	510	00000	03.98	33.77	26.84	00.000	1465.1								
22.3	185	00000	03.98	33.775	26.84		1465.1								
	510	00010	04.00	33.77	26.83	00.012	1465.4								
	78 S	00010	04.00	33.775	26.83		1465 - 4								
	510	00020	04.15	33.84	26.87	00.024	1466 - 3								
	085	00020	04-15	33.840	26.97		1466.3								
	510	00330	04.68	33.94	26.89	00.036	1468.8								
	085	00030	04.68	33.940	26.89		1468.8								
	51D	00051	06.31	34-21	26.91	00.059	1476.1								
	085	00050	06.31	34.210	26.91		1476.1								
	510	00075	06.28	34.24	26.94	00.089	1476.4								
	510	00100	06.26	34.26	26.96	00.116	1476.8								
	285	00100	06.26	34.265	26.96		1476.8								
	510	00125	05.52	34.38	27.14	00.142	1474.4								
	085	00125	05.52	34.380	27.14		1474.4								
	510	00150	05.00	34.43	27.25	00.165	1472.7								
	085	00150	05.00	34.430	27.25		1472.7								
	510	00200	05.74	34.54	21.25	00.208	1476.7								
	510	00250	05.98	34.68	27.32	00-249	1478.7								
	OBS	00250	05.98	34.680	27.32		1478.7								
	510	00300	05 • 71	34.B4	27.48	00.285	1478.6								
	285	00300	05.71	34.840	27.48		1478.6								
	)B S	00340	04-44	34.620	27.46		1473.8								
	085	00380	04-46	34-690	27.51		1474.6								
	510	00400	04.71	34.79	27.56	00.346	1476.1								
	08.5	00400	04.71	34.790	27.56		1476.1								
	OBS	00490	04.56	34.870	27.64		1476.9								
	510	00500	04.64	34.9L	27.67	00.400	1477.6								
	785	00500	04.64	34.910	27.67		1477.6								
	1185	00560	04.69	34.950	27.69		1478.9								
	385	005 PO	04.60	34.935	27.69		1478.R								
	517	00600	04.72	34.98	27.71	00-447	1479.7								
	095	00600	04.72	34.980	27.71		1479.7								
	785	00420	04.93	35.015	27.72		1481 -0								
	185	00630	04+60	34.980	27.73		1480.6								
	510	00707	04.80	35.03	27.74	00.492	1481.8								
	085	00700	04.80	35.030	21.74		1481 - 8								
	785	00780	04.42	34.975	27.74	00 537	1481.5								
	510	00800	04.60	35.01	27.75	00.537	1482.6								
	185	00000	04.60	35.010	27.75	00 50:	1482.6								
	510	00300	04.35	34.98	27.76	00.581	1483.2								
	385	00900	04.35	34.985	27.76	00 + 34	1483.2								
	510	01000	04.28 04.28	34.98 34.980	21.76	00.626	1484.6								
	385	01000			27.16		1484.6								
	OBS	01050	04.23	34.970	27.76		1485.2								

TABLE XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296. Continued

REF10 31 4296 CONSEC 0057 LAT 42 36 N LONG 049 24 H	YEAR MONTH OAY HOUR	18	80TOP 03199 SHIP EV 04TA USE 1 AREA 05	ALR T WET 8 84KOM CLOUD	ULB 05.6 ETR 1007.1	OIP HO OZ SEA CL/TR		ATNO-OTK MENO-SPO MENO-FOR MENTHER		DAPT ARLO	STO REC E DIR TION - LIP 220	03.2	5	I Ç2 N SƏJARE SƏJARE SƏJARE	2 2 A
CASTNUMZTIME	LVLTYP	ОЕртн	1540	SAL	SIGMA-T	DYNOPTH	SNO VEL	DXYS	PT4	TÛT P	N <sup>O</sup> 2	NO3	stas	ρđ	
	510	00003	04.25	33.70	26.75	00.000	1466.2								
01.0	na \$	00300	04.25	33.700	26.75		1466 - 2								
	STO	00010	04.27	33.68	26.73	00.013	1466.4								
	08.5	00013	04.27	33.680	26.73		1466 • 4								
	510	00020	04+21	33.67	26.73	00.026	1466.3								
	185	00020	04.21	33.670	26.73	00.040	1466.3								
	510	00030	04.0R	33.63	26.71	00.040	1465.8								
	1185	00030	04-08 01-60	33-625 33-40	26.71 26.74	00.066									
	085	00050	01.60	33.400	26.74	00.000	1455.1								
	285	00060	00.63	33.560	26.93		1451.2								
	085	00063	00.92	33.700	27.03		1452.7								
	0.85	00070	00.66	37.710	27.05		1451.7								
	510	00075	00.76	33.75	27.08	00.095	1452 - 3								
	085	00075	00.76	33.750	27.08		1452.3								
	STD	00100	02.19	34.06	27.23	00.118	1459+5								
	085	00100	02.19	34.060	27.23	00.138	1459.5								
	012 28F	00125 00125	05.73 05.73	34.68 34.680	27.36 27.36	00.136	1475.6								
	510	00150	06.33	34.82	21.39	00.157	1478.6								
	285	00150	06.33	34.820	27.39	00.15	1478.6								
	085	00190	06.65	34.890	27.40		1480.6								
	STO	00200	05.54	34.66	27.36 *	00.193	1476.0								
	0.85	00210	04.98	34.580	27.37		1473.8								
	085	00221	05.01	34.660	27.43		1474.2								
	STO	00250	05.04	34.73	27.48	00.228	1474.9								
	085	00250	05.43 P	34.95 P	27.610		1 / 75 /								
	085	00272	05.06	34.780	27.52 * 27.53		1475 • 4								
	785 085	00275 00285	05•23 04•98	34.820 34.770	27.52		1475.3								
	\$10	00100	05.20	34.88	27.58	00.258	1476.6								
	085	00300	05.20	34-895	27.58	001030	1476.6								
	085	00305	05.34	34.880	27.56		1477.3								
	095	00322	05.35	34.870	27.55		1477.6								
	088	00329	04.90	34.775	27.53		1475.7								
	785	00350	05.12	34.870	27.58		1477.1								
	510	00400	04.86	34.88	27.61	00.312	1476.9								
	085 085	00400	04.86 04.81	34.875 34.890	27.61 27.63		1476.8								
	085	00470	05.13	34.945	21.64		1479.2								
	STO	00500	05.11	35.01	27.69	00-363	1479.7								
	085	00500	05.11	35.010	27.69		1479.7								
	285	00530	04.89	35.010	27.72		1479.3								
	510	00500	04-90	35.02	27.72	00.409	1480.5								
	085	00600	04.90	35.020	27.72		1480.5								
	085	00650	04.35	34.980	27.75		1479.0								
	ORS	00660	04-50	34-995	27.75	22.454	1479.8								
	510 085	00700	04.20 04.20	34.94 34.940	21.74 21.74	00.454	1479.2								
	510	00800	04.10	34.94	27.75	00.497	1480.4								
	085	00800	04.10	34.940	21.75		1480.4								
	STO	00900	04.03	34.93	27.75	00-541	1481.8								
	085	00900	04.03	34.935	27.75		14R1.8								
	510	01000	03-96	34.94	21.76	00.585	1483.2								
	085	01000	03.96	34.940	27.76		1483.2								
	JB 2	01080	03.92	34.940	27.17		1484.3								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

9EF10 31 8296 CONSEC 0058 LAT 42 48 N LONG 048 40 W	4041	1972 9 04 19 03.1	BOTOP 02683 SHIP EV OATA USE 1 AREA 05	AIR T WET S BARDY CLOU	SULR 05.0 NETR 1005.1		GT PER 6 5	#IND-DIR #IND-S?O PEND-FDR #ENTHER		TR A	T STO CE DI ATLON G IIP	R	OR OER ) 00.7	5 2	N SQ 1306 SOJARE 2 SQUARE 28 SQUARE 28
CASTNUM/TTMF	LVLTYP	DEPTH	TEMP	SAL	1-AME12	OYNOPTH	SNO VEL	OXYG	P 34	TOT	P Y	02	NO3	\$133	Pł
	510	00000	03.65	33.69	76.80	00.000	1463.6								
03+1	OBS	00000	03.65	33,690	26.80		1463.6								
33.1	510	00313	03.66	33.69	26.RO	00-013	1463.8								
	285	00010	23.66	33.690	26.80		1463-8								
	510	00029	03.66	33.69	26.80	00.025	1464.0								
	08.5	ባር ግርብ	03.66	33.690	26.80		1464 • 0								
	5 T D	00030	03.66	33.69	26.81	00.038	1464 - 2								
	OP 5	00030	03-66	33.695	26.RI		1464.2								
	510	00050	03.67	33.70	26.81	00.063	1464.5								
	08.5	00050	03-67 02-85	33.700	26.81 26.85	00.094	1461.4								
	STO	00075	02.85	33.65 33.655	26.85	00.094	1461.4								
	785 510	00100	02.21	33.98	27.16	00.120	1459.4								
	085	00100	02.21	33.980	27.16	00.120	1459.4								
	510	00125	03.56	34.18	27.20	00.143	1465.9								
	STO	00150	03.95	34.31	27.26	00-164	1468.2								
	085	00150	03.95	34.310	27.26		1468.2								
	OBS	00165	03.72	34.360	27.33		1467-5								
	510	00200	04.55	34.63	27.45	00.202	1471.9								
	OBS	00200	04.55	34.625	27.45		1471.9								
	08.5	00212	04.68	34.650	27.46		1472 - 7								
	085	00218	04.59	34.640	27.46		1472.4								
	510	00250	05.06	34.79	21.52	00.233	1475.1								
	OB 5	00250	05.06	34.790	27.52 27.55		1475.7								
	095	002 <b>7</b> 0	05.11 05.08	34.830 34.835	27.56		1475.7								
	085 510	00300	05-53	35.01	27.64	00.261	1478.1								
	OBS	00307	05.53	35-010	27.64	00.200	1478.1								
	ORS	00370	05.01	34.955	27.66		1477-1								
	510	00400	04.88	34.93	27.66	00.310	1477.0								
	OB 5	00400	04.88	34.935	27.66		1477.0								
	CAS	00410	04.85	34,955	27.68		1477.1								
	085	00423	05.14	34.980	27.66		1478.5								
	ባቶና	00445	05.07	34.980	27.67		1478.6								
	08.5	00455	04.70	34.970	27.71		1477+2								
	085	00499	04.6B	34.950	27.69	00.358	1477.7								
	510	00500	04.58 04.58	34.94 34.945	27.70 27.70	00.336	1477.4								
	085 085	00500	04.4R	34.940	27.71		1477.5								
	085	00570	04.19	34.910	27-72		1476.9								
	510	00600	04.18	34.91	27.72	00.403									
	085	00600	04.18	34.915	27.72		1477.4								
	OBS	00648	04.11	34.930	27.74		1477.9								
	ገደና	00678	04.44	34.955	27.72		1479.8								
	JR S	004 8ን	04.40	35.000	27.76		1479 - 8								
	STD	00700	04-52	34.99	27.74	00.447	1480.6								
	085	00707	04-52	34.990	27.14	00 403	1480.6								
	STO	00800	04.31	34.93	27.72	00.492	1481.3								
	ORS	00800	04-31	34.930 34.950	27.72 27.74		1481.1								
	085 085	00803 00820	04.25 04.30	34.970	27.75		1481.6								
	085	00430	04.24	34.965	27.75		1481.5								
	085	00050	04.27	34.970	27.76		1482.0								
	STO	00000	04.05	34.94	27.75	00.538	1481.9								
	085	00900	04.05	34.940	27.75		1481.9								
	085	00907	04.05	34.970	27.78		1482.0								
	ORS	00910	04.08	34.970	27.78		1482.2								
	ans.	00947	04.02	34.955	27.77		1482.5								
	085	00150	04.06	34.960	27.77		1482 • 8								
	085	00980	04-10	34.965	27.77 27.75	00.582	1483.8								
	012 085	01000 01000	04.10 04.10	34.94 34.945	27.75	00.002	1483.8								
	003	01000	J4.10	, , , , , ,	2.4.7										

TABLE XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296. Continued

REFID 31 8296 CONSEC 0059 LAT 43 00 N LONG 048 55 W	40VT	1 04 18	RUTOP 01935 SHIP EV DATA USE L AREA. 05	AIR T WET T BARUN CLOUT	OULB 04.4 METR 1007.4	OIR H O3 SEA CL/FR		HINO-DIR HINO-FOR HINO-FOR HEATHER		TRAC	STO RE E OIR TION TIP II	00-1	5 2	CZ NE PRRUÇZ PRRUCZ PRRUCZ	2 8
CASTNUMITIME	LVLTYD	осртн	TEMP	SAL	5134A-T	OYNDPTH	SNO VEL	DX4.0	P)4	T⊕T P	NO2	NO3	5133	2.4	
	510	00000	03.62	33.70	26.81	00.000	1463.5								
05.3	18.5	000 30	03.62	33.700	26.Al	00000	1463.5								
	570	01010	03.52	33.70	26.81	00.012	1463.7								
	18.5	0.001.3	03.62	33.700	26 - 91		1463.7								
	STD	00023	63.62	33.70	26.91	00 • 025	1463.8								
	185	00023	93.62	13.700	26. Al		1463.8								
	510	00030	03.59	33.70	26.82	00.037	1463.9								
	nes	00030	03.59	33.700	26.82		1463 • 9								
	5 f D 19 S	00050	02.83 02.83	33.73	26.91 26.91	00.061	1461.0								
	185	00056	02.33	33.730 33.880	27.07		1459.2								
	510	00075	02.40	33.95	27.12	00.088	1459.8								
	กลร	00075	02.40	33.950	27.12	00.000	1459.8								
	10.5	00089	02.56	34.070	27.20		1460.9								
	785	00093	02.43	34.060	27.21		1460.4								
	STO	U0101	02.51	34.13	27.26	00.110	1467.9								
	ORS	00100	02.51	34 - 130	27.26		146).9								
	185	00103	92.67	34.170	27.27		1461.8								
	nes.	00122	02.89	34.270	27.33		1463-1								
	STD	00125	02-88	34.25	27.32	00.130	1463-1								
	-385	00125	02-88	34 - 255	27.32		1463.1								
	1185 S <b>T</b> D	00130	02.81	34.215	27.30	00.110	1462.9								
	JAS .	00150	03.98 03.98	34.47 34.470	27.39 27.39	00.149	1468.5								
	7HS	00161	04.27	34.480	27.37		1469.9								
	245	00180	04.52	34.580	27.42		1471.4								
	510	005.00	04.53	34.56	27.40	00.184	1471.8								
	CAS	00,00	04.53	34.560	27.40		1471 -8								
	7 H S	00203	04.45	34.610	27.45		1471 - 6								
	785	00215	04.90	34.775	27.53		1473.8								
	nas.	00230	04.93	34.800	27.55		1474.2								
	085	00242	05.12	34.860	27.57		1475 • 3								
	STD	00250	05-12	34 - 87	27.58	00.215	1475.4								
	085	00250 00267	05.12 05.12	34.870 34.880	27.58 27.59		1475.4								
	SED	00300	25.75	35.04	27.64	00.242									
	38 S	00300	05.75	35.940	27.64	00.242	1479.1								
	18.5	00310		35.020	27-64		1478.7								
	085	00329		35.030	27.64		1479.1								
	785	00367		34.950	77.66		1476.9								
	510	00400	04.82	34.96	27.69	00.290	1476-8								
	095	00400	04 • 82	34.960	21.69		1476.8								
	785	00431		34.925	27.67		1476 - 8								
	510	00500		34.90	27.73	00.335	1475.0								
	185 510	00500	04•02 03.97	34 - 900	27.73	00.378	1476.5								
	185	00300		34.91 34.910	21.14 21.14	00.378	1476.5								
	STO	00700	23.96	34.92	27.75	00.420	1478.1								
	าร์ร์	00700	03.96	34.920	27.75	30.20	1478.1								
	0 <b>9.</b> S	00730		34.930	27.75		1479.7								
	5 7 0	00400	04.00	34.92	27.75	00.463	1480.0								
	nes	00901		34.925	27.75		1480 • 0								
	18.5	00911		34.920	21.75		1480 -1								
	STD	00900		34.94	27.76	00.507	1491.7								
	J85 510	00900		34 • 940	27.76	00 660	1481.7								
	185	01000		34.92 34.925	27.76	00.550	1482.8 1482.8								
	765	01053		34.925	21.76 27.76		1483.6								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

BEF10 31 8296 CONSEC 0060 LAT 43 08 N LONG 049 07 W	MONT-	1 04	SOTOP DILBS SHIP EV DATA USE 1 AREA 05	ATR T WET 8 BARON CLOUN	UL8 03.3	OIR HI 13 SEA CL/TR		#[NO-7]R #[NO-520 #[NO-6]R #E#[HE2		TRAC	510 PEC F DIR MITON G IIP IIC	00.2	5 2	N SD 1306 STHARF 2 SOUARE 28 SOUARE 39
CASTNUM/TIME	LVLTYP	ПЕРТН	TEMP	SAL	SISMA-T	OYNOPTH	SNO VEL	OXYG	P )4	101	402	NO3	51)3	PH
	510	00203	03.93	33,79	75.86	00,100	1464.9							
07.3	085	00000	03.93	33.795	26.86		1464.9							
0.45	STO	01010	03.92	33.79	26.86	00.012	1465 • 1							
	385	00010	03.92	33.795	26.P6		1465.1							
	STO	00023	03.31	33.80	26.93	00.024	1462 - 6							
	085	00020	03-31	33.805	26.93		1462.6							
	STO	00030	03.38	34.02	27.09	00.034	1463.4							
	085	00030	03.38 03.55	34.025 34.020	21.09 21.01		1464.4							
	085 510	00048 00050	03.61	34.03	27.0R	00.054	1464.7							
	085	00061	03.84	34.075	27.09		1465.9							
	STO	00075	03.84	34.10	27-11	00.079	1466.2							
	085	00075	03.84	34.105	27.11		1466.2							
	085	00081	03.86	34-100	27.11		1466.4							
	STO	00103	03.89	34,22	27.20	00.102	1467.0							
	085 085	00100	03.89 04.43	34.225 34.350	27.20 27.25		1467.0							
	095	00110	04.43	34.360	27.25		1469.7							
	510	00125	04 • 72	34.46	27.30	00.123	1471 -2							
	085	00125	04.72	34.465	27.30		1471 -2							
	085	00129	04.76	34.460	27.30		1471 .4							
	285	00136	04.45	34.420	27.30		1470 - 2							
	085	00140	04.46	34 • 500	27.36		1470.4							
	510	00150	04.87	34.58	27.38	00.142	1472.4							
	085	00150	04.87	34.580	27.38 27.40		1473.0							
	085 085	00177	04.90 04.85	34.615 34.640	27.43		1472.9							
	085	00195	05.02	34.680	27.44		1473.9							
	STO	00200	04.21	34.56	27.44	00-177	1470 - 4							
	28 S	00215	02.86	34.405	27.45		1464.7							
	U8 S	00225	02.86	34.470	27.50		1465 • 0							
	510	00250	03.40	34.59	27.54	00.208	1467.9							
	U85	00250	03.40	34-590	27.54		1467.9							
	085	00254	03.33	34.580 34.76	27.54 27.61	00.235	1471.8							
	STO 085	00300 00300	04.07	34.765	27.61	00.233	1471.8							
	085	00305	04.21	34.800	27.63		1472.5							
	ORS	00314	04.16	34.820	27.65		1472.5							
	085	00360	04.30	34.845	27.65		1473.8							
	085	00380	04.29	34.860	27.67		1474-1							
	STO	00400	04.34	34.A8	27.68	00.284	1474.7							
	08 S 08 S	00400 00430	04.34 04.40	34.880 34.900	27.68 27.69		1475.5							
	085	00470	04.37	34.910	27.70		1476.0							
	510	00500	04.33	34.91	27.70	00.330	1476.4							
	085	005 00	04.33	34.910	27.70		1476 - 4							
	085	00512	04.32	34.910	21.70		1476.5							
	OBS	00520	04.25	34.910	27.71		1476 - 4							
	085	00560	04-25	34.910	27.71	00.375	1477-0							
	STD 085	00600 00600	04.14 04.14	34.91 34.910	21.12 21.12	00.317	1477.2							
	085	00640	04.05	34.905	27.73		1477.5							
	085	00690	04.05	34.910	21.73		1478.3							
	510	00700	04.09	34.92	27.73	00.420	1478.7							
	085	00700	04.09	34.920	27.73		1478.7							
	085	00720	04.09	34.910	27.73		1479.0							
	085	00740	04.07	34.910	27.73	00 444	1479.3							
	S T O O B S	00800	04.02 04.02	34.91 34.910	27.73	00-464	1480.0							
	085	00800	03.99	34.910	27.74		1480 - 6							
	510	00900	03.98	34.91	27.74	00.509	1481.5							
	085	00900	03.98	34.910	27.74		1481 - 5							
	085	00940	03-98	34.915	27.74		1482 .2							
	STO	01000	04.02	34.92	27.75	00.555	1483.4							
	085	01000	04.02	34.925	27.75		1483.4							

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296,—Continued

REFED 31 9296 CONSEC 0061 LAT 43 19 N LUNG 049 20 H	yE <sub>A</sub> ą HONTH YAO RUOH	04 19	BCTOP 00585 SHIP EV DATA USF 1 AREA 05	AIR TE MET AI MORAB CUOUD	ULR 02.2 ETK 0997.6	OLR H O6 SEA CL/TR	GT PER 4 3	#140-018 #140-250 #140-216		TRAC DURA	STD REG E OIR TION IIP IIG	00.1	TEN SQ 5 SQUAL 2 SQUAL 1 SQUAL	RE 2 RF 28
CASTYUM/TIME	LVLTYP	DEPTH	TEMP	SAL	S13MA-T	O¥NOPTH	SND VEL	OxrG	P 34	TOT P	N.35	N03	S133 P4	
	510	00000	- 0.71	32.97	26+52	00.000	1443.2							
03.5	STO	00000	- 0.71 - 0.71	32.975 32.97	26.52 25.52	00-015	1443.2							
	o™s sto	00010	- 0.71 - 0.74	32.975 32.98	25.52 26.53	00.030	1443.4							
	ij8.5 ∪8.5	00023 00025	- 0.74 - 0.90	32.980 32.950	26.53 26.51		1443.4							
	5 T D 08 S	00030	- 0.98 - 0.98	33.015	26.57 26.57	00.345	1442.5							
	5 T O	00050	- 1-17 - 1-17	33 • 1 3 33 • 1 3 5	26.67 26.67	00.074	1442.1							
	DRS	00055	- 1.20 - 1.22	33.165 33.24	26.69 26.76	00.107	1442.1							
	085 510	00075	- 1.22	33.240	26.76 26.78	00-139	1442.4							
	OBS	00100	- 1.20	33.275	26.78	00.170	1443-0							
	385	00125	- 1.18	33.34 33.345	26.84 26.84	00.170	1443.6							
	1385 510	00132 00150	00.85	33.480 33.59	26.95 26.94	00-199	1443.9							
	185 085	00150 00160	00.21	33.590 33.600	26.94 26.99		1453.7							
	08.5	00173		31.560 33.590	25.9A 27.01		1448.9 1448.2							
	51n n85	00200	00.27	33.840	27.18 27.18	00.250	1452 • 2							
	S*D DBS	00250 00250	01.56 01.56	34.22 34.220	27.40 27.40	00.290	1459-4							
	280	00276	01.59	34.240 34.31	27.42 27.45	00.323	1460.0							
	18.5 118.5	00303	01.85	34-310 34-370	27.45 27.48		1461.6							
	085 085	00356		34.525 34.525	27.53 27.53		1467.4							
	085	00380		34.540	27.54	00-364	1468.4							
	195	00400	03.33	34.610 34.675	27.56	000,004	1470.1							
	385 385	00406 00412 00425	03.38 03.31 03.42	34.620	27.57		1470-2							
	.101	00,423	0,142	34.670										
REF10 31 8296 CONSEC 0062	¥ E 4.9 40 N T *	04	B010P 00154 5HIP EV	A[R 1 HET B	ULB 02.2	06	IGT PER	HINO-318 092-0016	24	TRAC	STO RE	)	TEN SQ 5 SQUA 2 SQUA	RE 2
		13		HET B	ULB 02.2 ETR 0995.6		4 3		24	TRAC DUR! ORIC	E DIR LTION ; IIP II	03 • I	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CONSEC 0062 LAT 43 24 N	ሣሰካቸ፣ በ <b>ል</b> ሃ ሐበፀጾ	13	SHIP EV DATA USE 1	HET 8 8≜PO¶	ULB 02.2 ETR 0995.6	O 6 SF A	SND VEL	#140-5PD #140-5PD	24	TRAC DUR	E DIR LTION ; IIP II	00 • l	5 SQUA AUDZ S	RE 28 RE 39
CASTNUH/TEME	MONTY OAY HOUR EVETYP	04 13 10.3 DEPTH	SHIP EV DATA USE 1 ARFA 05	#ET 8 84F04 CLOUD	ULB 02.2 ETR 0995.6 T/A	O6 SFA CL/TR	SND VEL 1444.0 1444.0	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR! ORIC	E DIR LTION ; IIP II	03 • I	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CONSEC 0062 LAT 43 24 N LONG 049 24 W	MONTO DAY HOUR EVETYP STO DBS STD	04 13 10.3 DEPTH 00000 00000	SHIP EV DAT4 USE 1 ARFA 05 TFMP - 0.56 - 0.56 - 0.56	#ET 8 84F04 CLOUP SAL 33-03 33-030 33-03	ULB 02.2 ETR 0995.6 T/A SIGMA-T 26-56 26-56 26-56	OF SEA CLITE	4 3 SND VEL 1444.0	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR! ORIC	E DIR LTION ; IIP II	03 • I	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CASTNUH/TEME	MONTO DAY HOUP EVETYP STO DBS STO DBS STO	04 13 10.3 DEPTH 00000 00000 00010 00010 00020	5HIP EV DATA USE 1 ARFA 05 TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.55	#ET 8 84F0M CLOUP SAL 33-03 33-030 33-03 33-03	ULB 02.2 ETR 0995.6 T/A SIGMA=T 26-56 26-56 26-56 26-56	O6 SFA CL/TR OYNDPTH O0.000	SND VEL 1444.0 1444.1 1444.1	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR! ORIC	E DIR LTION ; IIP II	03 • I	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CASTNUH/TEME	MONTO DAY HOUP  EVETYP  STO DAS STO DBS STO DBS STO DBS STO	04 19 10 3 DEPTH 00000 00010 00010 00020 00020 00020 00020 00030	5HIP EV DATA USE 1 ARFA 05 TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56	#ET 8 84 FO 4 CLOUD SAL 33-03 33-03 33-03 33-03 33-03 33-03 33-03	ULB 02.2 ETR 0995.6 17/A S13MA-T 26-56 26-56 26-56 26-56 26-56 26-56 26-56 26-57	06 SFA CL/TE OYNDPTH 00.000	SND VEL 1444.0 1444.0 1444.1 1444.1	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR! ORIC	E DIR LTION ; IIP II	03•1	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CASTNUH/TEME	MONTY OAY HOUP EVETYP STO OBS STO OBS STO OBS STO OBS STO	04 13 10_3 0EPTH 00000 00010 00010 00010 00020 00020 00030 00030	5HIP EV DATA USE 1 ARFA 05 TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58 - 0.58 - 0.58 - 0.58	#ET 8 84F04 CLOUD 5AL 33-03 33-030 33-03 33-03 33-03 33-04 33-040 33-06	ULR 02.2 ETR 0995.6 T/A  S13MA-T  26.56 26.56 26.56 26.56 26.57 26.57	06 SFA CL/TR OYNDPTH 00.000 00.015	SND VEL 1444.0 1444.1 1444.1 1444.3 1444.3	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR! ORIC	E DIR LTION ; IIP II	03•1	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CASTNUH/TEME	MONTO DAY HOUP STO DAS	04 13 10.3 DEPTH 00000 00010 00010 00010 00020 00020 00030	5HIP EV DATA USE 1 ARFA 05 TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58	#ET 8 84 PO4 CLOUD SAL 33.03 33.03 33.03 33.03 33.03 33.03 33.03	ULB 02.2 ETR 0995.6 T/A S15MA-T 26-56 26-56 26-56 26-56 26-56 26-57 26-57 26-57	06 SFA CL/TR OYNDPTH 00.000 00-015 00.030	SND VEL 1444.0 1444.0 1444.1 1444.1 1444.3 1444.4 1444.4	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR! ORIC	E DIR LTION ; IIP II	03•1	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CASTNUH/TEME	MONTY OAY HOUP  STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	04 13 10.3 DEPTH 00000 00010 00010 00010 00020 00020 00030 00030 00030	TFMP  - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.55 - 0.59 - 0.58 - 0.56 - 0.56 - 0.56 - 0.56	SAL  33.03 33.030 33.030 33.030 33.030 33.030 33.04 33.040 33.06	ULR 02.2 EIR 0995.6 17/A 515MA-T 26.56 26.56 26.56 26.56 26.56 26.57 26.57 26.57 26.59 26.59 26.59	06 SFA CL/TR OYNDPTH 00.000 00-015 00.030	SND VEL 1444.0 1444.0 1444.1 1444.1 1444.3 1444.4 1444.4 1444.8 1444.8	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR! ORIC	E DIR LTION ; IIP II	03•1	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CASTNUH/TEME	MONTY OAY HOUP  STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	04 13 10.3 DEPTH 00000 00010 00010 00010 00020 00020 00030 00030 00030	TFMP  - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.55 - 0.59 - 0.58 - 0.56 - 0.56 - 0.56 - 0.56	SAL  33.03 33.030 33.030 33.030 33.030 33.030 33.04 33.040 33.06	ULR 02.2 EIR 0995.6 17/A 515MA-T 26.56 26.56 26.56 26.56 26.56 26.57 26.57 26.57 26.59 26.59 26.59	06 SFA CL/18 OYNDPTH 00.000 00-015 00.030 00.044	SND VEL 1444.0 1444.0 1444.1 1444.1 1444.3 1444.4 1444.4 1444.8 1444.8	HIND-SPD HIND-FOR HEATHER	24 X5	TRAC DUR OR LC	E DIR LTION ; IIP II	03•1	5 SQUA 2 SQUA 1 SQUA	RE 28 RE 39
CASTNUH/TEME	MONTY OAY HOUP  STO OBS OBS OBS OBS OBS OBS OBS OBS OBS OB	04 13 10.3 DEPTH 00000 00000 00010 00010 00020 00020 00030 00050 00050 00050	TFMP  - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.55 - 0.59 - 0.58 - 0.56 - 0.56 - 0.56 - 0.56	#ET R 84F04 CLOUP SAL 33.03 33.030 33.030 33.04 33.06 33.06 33.06 33.06 33.06 33.06 33.06	ULR 02.2 EIR 0995.6 17/A 515MA-T 26-56 26-56 26-56 26-56 26-56 26-57 26-57 26-59 26-59 26-61	06 SFA CL/TR 04NDPTH 00.000 00-015 00.030 00.044 00.074	SND VEL 1444.0 1444.0 1444.1 1444.1 1444.3 1444.4 1444.4 1444.8 1444.8	MINO-SPD MINO-FOR MEATHER DXYG	25 X5 P34	TRAC DURI ORIC TOT I	STD REFERENCE	OD-IL ONGS	5 SQUA 2 SQUA 5 SQUA 5133 P4	1306 RE 28
CÔNSÉC 0062 LAT 43 24 N LONG 049 24 W CASTNUM/TIME 17-3	MONTO DAY HOUP  EVETYP  STO DAS STO DAS STO DAS STO DAS STO DAS STO DAS	04 13 10.3 DEPTH 00000 00010 00010 00010 00020 00030 00030 00050 00050 00050 00069	TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58 - 0.58 - 0.58 - 0.58 - 0.58	#ET R 84P04 (LOU) SAL 33.03 33.03 33.03 33.03 33.04 33.04 33.06 33.06 33.06 33.06	ULR 02.2 EIR 0995.6 17/A SISMA-T 26-56 26-56 26-56 26-56 26-57 26-57 26-57 26-59 26-61	06 SFA CL/TR 04NDPTH 00.000 00-015 00.030 00.044 00.074	SND VEL 1444-0 1444-1 1444-1 1444-3 1444-3 1444-8 1444-9 1445-1	#INO-SPD MINO-FOR #EATHER  OXYG	25 X5 P34	TRAC DURI ORIC TOT 6	E DIR STION STIP LI P NOZ	00.1 0 NG3	5 SQUA 2 SQUA 5 SQUA 5 C SQUA	RE 28 RE 28 RE 39
CÓNSEC 0062 LAT 43 24 N LONG 049 24 H  CASTNUM/TIME  17-3  REFIO 31 4296 CONSEC 0063 LAT 43 27 N LONG 049 31 H	MONTO DAY  LVLTYP  STO TAS MONTO DAY	04 13 10.3 0EPTH 00000 00000 00010 00010 00020 00020 00030 00050 00050 00050 00050 00050	TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58	#ET R 84P04 CLOUP SAL 33.03 33.030 33.030 33.04 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06	ULR 02.2 ETR 0995.6 T/A  S15MA-T  26-56 26-56 26-56 26-57 26-57 26-57 26-57 26-59 26-61	06 SFA CL/TR 00.000 00.015 00.030 00.044 00.074	SND YEL 1444.0 1444.1 1444.1 1444.3 1444.3 1444.8 1444.9 1444.9	MINO-SPD MINO-FOR MEATHER DXYG DXYG WINO-SPD WINO-SPD MEATHER MEATHER	25 X5 P34	TRAC DUPA ORIC TOT 6	STD RECEDENCE TO THE PERSON OF	00.10 NO3	5 SQUA 2 SQUA 5 SQUA 5 SQUA 5 C SQUA 2 SQUA 1 SQUA	RE 2 RE 39 RE 39
CÔNSÉC 0062 LAT 43 24 N LONG 049 24 H  CASTNUM/TIME  10-3  REFID 31 4296 CONSEC 0063 LAT 43 27 N	MONTO DAY  EVITYP  STO DAY  HOUR  VEAR  MONTH DAY  HOUR  LVLTYP	04 13 10.3 DEPTH 00000 00000 00010 00010 00020 00020 00030 00030 00050 00050 00069	TFMP  - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.57 - 0.58 - 0.58 - 0.58 - 0.56 - 0.56 - 0.58 - 0.56 - 0	#ET R 84PO4 CLOUD SAL 33.03 33.03 33.03 33.03 33.04 33.06 34.06 36.06 36 36 36 36 36 36 36 36 36 36 36 36 36	ULR 02-2 ETR 0995-6 T/A  SIGMA-T  26-56 26-56 26-56 26-57 26-57 26-57 26-57 26-57 26-59 26-61  *****  EMP 02-8 ETR 0992-9 T/A  SIGMA-T	06 SFA CL/TR 04NDPTH 00.000 00-015 00.030 00.044 00.074	SND VEL  1444-0 1444-1 1444-1 1444-3 1444-3 1444-3 1444-9 1445-1	MINO-SPD MINO-FOR MEATHER DXYG DXYG WINO-SPD WINO-SPD MEATHER MEATHER	25 X5 P34	TRAC DUPA ORIC TOT 6	E DIR STION STIP LI P NOZ STID REC E DIR STION	00.1 0 NG3	5 SQUA 2 SQUA 5 SQUA 5 SQUA 5 C SQUA 2 SQUA 1 SQUA	RE 2 RE 39 RE 39
CÓNSEC 0062 LAT 43 24 N LONG 049 24 H  CASTNUM/TIME  17-3  REFIO 31 4296 CONSEC 0063 LAT 43 27 N LONG 049 31 H	VONTO DAY  EVITYP  STD THS STD UHS STD UHS STD UHS STD UHS STD UHS STD UHS STD HOUR LEVITYP UNITED U	04 18 10 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SHIP EV DATA USE 1 ARFA 05  TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58 - 0.58 - 0.56 - 0.58 - 0.56 - 0.58 - 0.56 - 0.58 - 0.56 - 0.58 - 0.56 - 0.58 - 0.56 - 0.58 - 0.	#ET R 84F04 CLOUD SAL 33.03 33.030 33.030 33.040 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.08 33.08	ULR 02.2 ETR 0995.6 T/A  S15MA-T  26.56 26.56 26.56 26.57 26.57 26.57 26.57 26.57 26.59 26.61	06 SEA CL/TR 04NDPTH 00.000 00-015 00.030 00.044 00.074	SND VEL  1444-0 1644-1 1644-1 1644-3 1644-8 1644-8 1644-8 1644-9 1645-1	MINO-SPD MINO-FOR MEATHER DXYG DXYG WINO-SPD WINO-SPD MEATHER MEATHER	25 X5 P34	TRAC DUPA ORIC TOT 6	STD RECEDENCE TO THE PERSON OF	00.10 NO3	5 SQUA 2 SQUA 5 SQUA 5 SQUA 5 C SQUA 2 SQUA 1 SQUA	RE 2 RE 39 RE 39
CÓNSEC 0062 LAT 43 24 N LONG 049 24 H  CASTNUM/TIME  10-3  REFIO 31 4296 CONSEC 0663 LAT 43 27 N LONG 049 31 H  CASTNUM/TIME	VEAT HOUR STO OBS STO	DEPTH 00000 00000 00010 00010 00010 00010 00010 00010 00010 00010 00010	SHIP EV DATA USE 1 ARFA 05 1 FMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58 1 FeV DATA USF 1 AREA 55 1 FEMP - 0.31 - 0.31 - 0.31 - 0.31 - 0.31	#ET R 84F0 CLOUP  SAL 33-03 33.03 33.03 33.03 33.03 33.04 33.06 33.06 33.06 33.06 33.06 33.06 33.06 33.08 33.08 33.08 33.08 33.08 33.08	ULR 02-2 ETR 0995-6  T/A  \$15MA-T  26-56 26-56 26-56 26-57 26-57 26-59 26-61  *****  *****  *****  *****  *****  ****	06 SEA CL/TR 04NDPTH 00.000 00-015 00.030 00.044 00.074	SND VEL 1444-0 1444-1 1444-1 1444-1 1444-3 1444-3 1445-1  SND VEL 1445-2 1445-3 1445-4	MINO-SPD MINO-FOR MEATHER DXYG DXYG WINO-SPD WINO-SPD MEATHER MEATHER	25 X5 P34	TRAC DUPA ORIC TOT 6	STD RECEDENCE TO THE PERSON OF	00.10 NO3	5 SQUA 2 SQUA 5 SQUA 5 SQUA 5 C SQUA 2 SQUA 1 SQUA	RE 2 RE 39 RE 39
CÓNSEC 0062 LAT 43 24 N LONG 049 24 H  CASTNUM/TIME  10-3  REFIO 31 4296 CONSEC 0663 LAT 43 27 N LONG 049 31 H  CASTNUM/TIME	MONTO AND	DEPTH 00000 00000 00000 00000 00000 00000 0000	SMIP EV DATA USE 1 ARFA 05  TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.57 - 0.58 - 0.	#ET R 84F04 (L000)  SAL  33.03 (33.03) 33.030 33.04 33.06 33.06 33.08  AIR TI WET BI BAROMI (CL000)  SAL  33.08 33.08 33.08 33.08 33.08 33.08	ULR 02-2 ETR 0995-6 T/A  S13MA-T  26-56 26-56 26-56 26-57 26-57 26-57 26-59 26-59 26-59 26-59 T/A  SIGMA-T  26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59	06 SEA CL/TE 00.000 00-015 00.030 00.044 00.074  DIR H 06 SEA CL/TE DYNDPTH 00.000 00.015	SND VEL  1444-0 1444-1 1444-3 1444-3 1444-6 1444-8 1444-8 1445-1  SND VEL  1445-2 1445-4 1445-4 1445-5	MINO-SPD MINO-FOR MEATHER DXYG DXYG WINO-SPD WINO-SPD MEATHER MEATHER	25 X5 P34	TRAC DUPA ORIC TOT 6	STD RECEDENCE TO THE PERSON OF	00.10 NO3	5 SQUA 2 SQUA 5 SQUA 5 SQUA 5 C SQUA 2 SQUA 1 SQUA	RE 2 RE 39 RE 39
CÓNSEC 0062 LAT 43 24 N LONG 049 24 H  CASTNUM/TIME  10-3  REFIO 31 4296 CONSEC 0663 LAT 43 27 N LONG 049 31 H  CASTNUM/TIME	MONTO DAY HOUP  EVETYP  STO DAS STO DA	04 18 10 3 3 000 000 000 000 000 000 000 000	5HIP EV DATA USE 1 ARFA 05  TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58 - 0.	#ET R 84P04 CLOUP SAL 33.03 33.030 33.03 33.04 33.06 33.06 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08 33.08	ULR 02.2 ETR 0995.6  T/A  S13MA-T  26.56 26.56 26.56 26.57 26.57 26.57 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59 26.59	06 SEA CL/TR 04NDPTH 00.000 00-015 00.030 00.044 00.074	SND VEL  1444-0 1444-1 1444-1 1444-3 1444-3 1444-5 1445-1  SND VEL  1445-2 1445-1 1445-1 1445-1 1445-1 1445-1 1445-1	MINO-SPD MINO-FOR MEATHER DXYG DXYG WINO-SPD WINO-SPD MEATHER MEATHER	25 X5 P34	TRAC DUPA ORIC TOT 6	STD RECEDENCE TO THE PERSON OF	00.10 NO3	5 SQUA 2 SQUA 5 SQUA 5 SQUA 5 C SQUA 2 SQUA 1 SQUA	RE 2 RE 39 RE 39
CÓNSEC 0062 LAT 43 24 N LONG 049 24 H  CASTNUM/TIME  10-3  REFIO 31 4296 CONSEC 0663 LAT 43 27 N LONG 049 31 H  CASTNUM/TIME	VONTO DAY  STO DAY STO DAY STO DAY STO DAY STO DAY STO DAY STO DAY STO DAY STO DAY STO DAY STO DAY STO DAY HOUR LVLTYP STO DBY STO	04 18 10 - 3	5HIP EV DATA USE 1 ARFA 05  TFMP - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.56 - 0.58 - 0.58 - 0.56 - 0.58 - 0.56 - 0.58 - 0.58 - 0.56 - 0.58 - 0.58 - 0.56 - 0.58 - 0.	#ET R 84PON CLOUPS  SAL  33.03 33.030 33.030 33.040 33.06 33.063 33.063 33.063 33.063 33.063 33.063 33.063 33.063 33.063 33.063 33.063 33.083 33.083 33.083 33.083 33.083 33.083 33.083 33.083	ULR 02.2 ETR 0995.6 T/A  S13MA-T  26-56 26-56 26-56 26-57 26-57 26-57 26-57 26-59 26-61  EMP 02-8 ETR 0992-9 T/A  SIGMA-T  26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59 26-59	06 SEA CL/TE 00.000 00-015 00.030 00.044 00.074  DIR H 06 SEA CL/TE DYNDPTH 00.000 00.015	SND VEL 1444-0 1444-1 1444-1 1444-3 1444-3 1444-8 1445-1  SND VEL 1445-2 1445-1 1445-1 1445-1 1445-1	MINO-SPD MINO-FOR MEATHER DXYG DXYG WINO-SPD WINO-SPD MEATHER MEATHER	25 X5 P34	TRAC DUPA ORIC TOT 6	STD RECEDENCE TO THE PERSON OF	00.10 NO3	5 SQUA 2 SQUA 5 SQUA 5 SQUA 5 C SQUA 2 SQUA 1 SQUA	RE 2 RE 39 RE 39

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

REF10 31 8296 CONSEC 0064 LAY 43 33 M LONG 049 40 M	YEAR 1972 MONTH 04 0AY 18 HOUR 12-5	BOTOP 00057 SHIP EV OATA USE 1 AREA 05	AIR TENP 02.8 WET BULB 02-8 BAROMETR 0990-5 CLOUD T/A	OIR MGT PER OG 9 3 SEA CL/TR	HIND-OIR 12 DOS-DOIN DOS-DOIN MEND-FOR X SHIFFE	INST STO RECORDER TEN SQ 1306 TRACE OIR 2 5 SQUARE 2 OURATION 03.1 2 SQUARE 28 ORIG TIP 110 1 SQUARE 39
CASTNUN/TIME	LVLTYP DEPTH	TEMP	SAL SIGNA-7	OYNOPTH SNO VEL	DXYG P34	HQ ECT FOR SON 9 TO
12.5	\$10 00000 085 00000 \$70 00010 085 00010 \$10 00020 085 00020 \$10 00030 085 00030 085 00040	00.20 00.20 00.20 00.20 00.20 00.21	33.10 26.59 33.10 26.59 33.10 26.59 33.09 26.59 33.09 26.58 33.09 26.58 33.10 26.59 33.10 26.59 33.10 26.59	00.000 1447.6 1447.6 00.015 1447.7 1447.7 1447.7 00.029 1447.9 1447.9 00.044 148.1 1448.3		
			• ** • • •			
RFF10 31 8296 CONSEC 0065	YEAR 1972 Month 04	BOTOP 00071 SHIR EV DATA USE 1	AIR TEHR 03-3 MET RULB 03.3 BARONETR 0981-0	OIR HGT PER 55 2 2 Sea	WIND-OIR 13 WIND-SPO 33 WIND-FOR	INST STO ACCORDER TEN SQ 1307 TRACE DIR 0 5 SQUARE 1 DURATION 00-1 2 SQUARE 20
LAT 43 16.0N LONG 050 22.5W	DAY 1A Hour 15+6	AREA 05	CLOUD T/4	CL/TR	MEATHER XS	ORIG TIP 110 1 SQUARE 30
CASTNUM/TIME	LVLTYP OEPTH	TEMP	SAL SIGHA-T	O'NOPTH SNO VEL	OXYG PO4	TOT P NO2 NO3 5103 PH
15-6	\$10 00000 085 00000 \$10 00010 085 00010 \$10 00020 085 00020 085 00030 085 00030 085 00030 085 00040 \$10 00050 085 00050	00.56 00.54 00.54 00.50 00.50 00.26 00.26 - 0.22 - 0.27	33.01 26.49 33.010 26.49 33.010 26.50 33.010 26.50 33.03 26.51 33.04 26.53 33.04 26.53 33.050 26.57 33.11 26.62 33.110 26.62	00.000 1449.1 1449.1 00.015 1449.2 1449.2 00.031 1449.2 1449.2 00.046 1446.3 1446.3 1446.2 00.075 1446.2		
REFID 31 3296 CONSEC 0066 LAT 43 07 N LONG 050 22 W	YEAR 1972 MONTH 04 DAY 18 HOUR 16-8	BOTOR OOOBO SHIR FV DATA USE 1 AREA OS	AIR TEMP 03.3 WET BULB 02.R BAROMETR 0976.3 CLOUD 1/A	DIR MGT PER 05 6 3 SEA CL/TR	4X SƏHTAƏM AC ON 1 M	INST STO RECORDER TEN SO 1307 TRACE OIR 0 5 SOUARE 1 OURATION 00.1 2 SQUARE 20 ORIG IIP 110 I SOUARE 30
CASTNUM/TIME	LVLTYP NEPTH	TEMP	SAL SIGMA-T	DYNOPTH SNO VEL	OXYG P34	FOT P NO2 NO3 S133 P4
16.8	\$10 00000 (BS 00000 \$10 00010 085 00010 \$10 00020 00020 00020 \$10 00030 0085 00030 0085 00030 0085 00050	- 0.18 - 0.18 - 0.18 - 0.19 - 0.19 - 0.19 - 0.19 - 0.20	33,16 26.66 33,165 26.66 33,16 26.65 33,16 26.65 33,17 26.66 33,17 26.66 33,17 26.66 33,17 26.66 33,17 26.66	00.000 1445.9 1445.9 00.014 1446.1 1446.1 00.024 1446.2 1446.2 00.042 1446.4 1446.4 00.070 1446.7		
REF10 31 8296 CONSEC 0067 LAT 43 00.0N LONG 050 20.0M	YEAR 1972 MONTH 04 OAY 18 HOUR 18.2	BOTOR 00097 SHIP EV DATA USE 1 AREA 05	AIR TEMP 02-2 WET RULA 01-7 BARDMETR 0976-6 CLOUO T/A	DIR HGT PER 05 6 2 SEA CL/TR	CS OPENIA RCA-ONIM RCA-ONIM S 3HLV3M	INST STO RECORDER TEN SO 1307 TRACE DIR D 5 SOJARE 1 DURATION ON-1 2 SOJARE 20 ORIG IIP 110 1 SOJARE 30
CASTNUM/TIME	LAFLAD OELLH	TEMP	SAL SIGNA-1	DANOBIH ZNO AET	DXYG P34	TOT P NO <sup>2</sup> NO3 SED3 PH
18.2	\$10 00000 085 00010 510 00010 510 00020 085 00020 085 00020 085 00030 085 00040 510 00050 085 00060 085 00060 085 00060 085 00060	- 0.36 - 0.36 - 0.36 - 0.40 - 0.40 - 0.40 - 0.40 - 0.41 - 0.41	33.17 26.67 33.170 26.67 33.170 26.67 33.170 26.67 33.170 26.67 33.17 26.67 33.17 26.67 33.17 26.67 33.175 26.67 33.175 26.67 33.175 26.67 33.175 26.67 33.175 26.67 33.180 26.69 33.255 26.75	00-000 1445-1 1445-1 00-014 1445-3 1445-3 00-028 1445-2 1445-2 00-041 1445-4 1445-6 00-069 1445-7 1445-7 1445-7		

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

REFIO 31 9296 CUNSEC ODER LAT 42 54 N LONG 350 20 H	үгэг 1972 МОЛТН О4 ПАУ 19 НОЈЯ 19.2	ACTOP 00241 SHIP EV DATA USC 1 AREA 05	ATR TEMP 02.2 WET BULB 01.7 BARDMETR 0273.9 CLOUD T/A	05 6 3	HTYD-01R 13 WIYD-570 23 WIYD-F3R WEATHFR X5	INST STO RECORDER TRACE DIR COURATION 00-1 URIG IIP LIO	
CASTNUM/TEME	LVLTYP JEP	н темр	SAL SIGMA-T	OTNOPTH SNO VEL	DX4C 6J4	TOT P NO2 NO3	S133 P4
19.2	\$10 0000 185 0000	00 - 0.29 01 - 0.29 02 - 0.29 03 - 0.29 04 - 0.29 05 - 0.29 07 - 0.29 08 - 0.31 09 - 0.31 09 - 0.45 09 - 0.57 09 - 0.57 09 - 0.57	33.09 25.60 33.095 25.60 33.11 26.62 33.11 26.62 33.11 26.62 33.11 26.62 33.11 26.62 33.11 26.62 33.12 26.63 33.12 26.63 33.12 26.63 33.300 26.80 33.300 26.80 33.390 26.86 33.390 26.86 33.390 26.86 33.391 26.86 33.393 26.86 33.393 26.86 33.394 27.08	00.000 1445.3 1445.5 100.014 1445.5 1445.5 100.029 1445.7 1445.8 1445.8 1445.8 1446.1 1446.1 1445.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8 1443.8			
9EF10 31 4296 CONSEC 0069 LAT 42 47.0N LUNG 050 30.0W	YEAR 1972 MONTH 04 (AY 18 HOUR 20.5	BUTOP 0098E SHIP EV OATA USE I AREA 05	HET BULB 02-F BAROMETH 0970.2	9 59 2 4	WENT-OFF 11 WIND-520 13 WIND-FTR WENTHER X5	INST STO RECOPOER TRACE OIR OURATION 0.3- ORIG TIP LLO	3 5 50uARE 1
CASTNUM/IIMF	LVLTYP DEP	TH TEMP	SAL SIGMA-T	DYNOPTH SNO VEL	OXYG PO4	101 P 402 NO3	5133 PH
20.5	\$10 000 000 000 000 000 000 000 000 000	00	33.00 26.54 33.000 26.54 33.250 26.76 33.250 26.76 33.250 26.76 33.250 26.79 33.285 26.79 33.285 26.79 33.285 26.79 33.285 26.79 33.285 26.79 33.285 26.79 33.285 26.79 33.285 26.79 33.285 26.86 33.410 26.88 33.540 27.00 33.660 27.06 33.69 27.07 33.705 27.08 33.69 27.07 33.705 27.08 33.69 27.07 33.705 27.08 33.69 27.07 33.705 27.08 33.69 27.00 33.650 27.05 33.705 27.08 33.69 27.00 33.69 27.00 33.69 27.00 33.69 27.00 33.69 27.00 33.69 27.00 33.69 27.00 33.69 27.00 33.69 27.00 33.69 27.00 34.14 27.30 34.14 27.30 34.180 27.29 34.14 27.30 34.19 27.68 34.89 27.70 34.89 27.70 34.89 27.70 34.89 27.70 34.91 27.73 34.91 27.73 34.91 27.73	00,000   1443,8   1443,8   1443,9   1444,0   1444,1   1444,0   1444,0   1444,0   1444,0   1445,0   144			

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 8296 CONSEC 0070 LAT 42 37 N LONG 050 35 W	YEAR MONTH DAY MOUR		80TOP 01390 SMIP EV OATA USE AREA 05	ATR T WET 8 84R0M CLOUD	UL8 02.8 ETR 0968.5		GT PER 6 4	MEND-OLR WIND-S?O WIND-C?R WENTMER	2)	TRACE DURAT		00.2	5 2	N <sup>S</sup> O 130 53U4RE SQUARE 2 SQJ4RE 2	1 20
C4STNUM/T14E	LVLTYP	ОЕРТН	TEMP	SAL	SIGMA-T	OYNOPTH	SND VEL	OXYG	P)4	101 P	ND2	ND3	\$133	Рн	
	510	00000	00.95	33.25	26.67	00.000	1451.2								
21.0	085	00000	00.95	33.250	26 • 6 7	00.000	1451.2								
21.00	510	00010	00.95	33.25	26.67	00-014	1451.3								
	085	00010	00.95	33.250	26.67	000014	1451 - 3								
	510	00020	00.88	33.25	26.67	00.028	1451.2								
	085	00020	00.88	33.250	26.67		1451 - 2								
	STO	00030	00-07	33.27	26.73	00.041	1447 .7								
	STO	00050	- 0.91	33.31	26.81	00.067	1443 . 6								
	085	00050	- 0.91	33-315	26.81		1443.6								
	STO	00075	- 0.92	33.38	26.86	00.097	1444.0								
	085	00075	- 0.92	33.380	26.86		1444.0								
	085	00085	- 0.70	00.430	00.21 *		1400.9								
	570	00100	- 1.24	33.44	26.92	00.127	1443.0								
	085	00100	- 1.24	33.440	26.92		1443.0								
	STO	00125	00.05	33.88	21.22	00 - 152	1450.0								
	085	00125	00.05	33.880	27.22		1450.0								
	STO	00150	02.43	34.13	27.26	00 - 173	1461 - 4								
	510	002 00	04.61	34.40	27.27	00.214	1471.9								
	085	00200	04-61	34.400	21.27		1471.9								
	085	00215	04-59	34.420	27.28		1472.1								
	085	00235	05.95	34.700	27.34		1478 - 3								
	510	00250	05-33	34.61	27.35	00.254	1476.0								
	280	00250	05.33	34.610	27.35		1476.0								
	085	00285 00300	04.81	34 • 5 8 0	27.39		1474.4								
	STO OBS		05.49 05.49	34.74	27.43	00.291	1477.6								
	085	00300		34 • 740	27.43		1477.6								
	085	00390	06.30 04.16	34.900	27.46		1481.6								
	510	004 00	04.20	34.665 34.71	27.52 27.56	00.355	1473.5								
	085	00400	04.20	34.710	27.56	00.355	1473.9								
	085	00405	04.90	34.860	27.60		1477.1								
	085	00481	04.60	34.850	27.62		1477 • 1								
	510	00500	04-48	34.85	27.64	00.410	1476.9								
	085	00500	04.48	34.850	27.64		1476.9								
	085	00517	04.57	34.890	27.66		1477.6								
	085	00538	04.42	34.860	27.65		1477.3								
	085	00573	04.35	34-890	27.68		1477.6								
	5 7 0	00600	05.42	34.96	27.61 *	00.463	1482.6								
	085	00600	05.42	34.960	27.61		1482.6								
	510	00700	04.10	34.90	27.72	00.514	1478.7								
	085	00700	04.10	34.905	27.72		1478-7								
	085	00740	04+21	34.935	27.73		1479.9								
	085	00745	04-15	34.910	27.12		1479.7								
	085	00762	04-15	34+920	27.73		1480.0								
	510	00800	04.28	34.95	27.74	00.559	1481 -2								
	085	00800	04.28	34-950	27.74		1481.2								
	085	00860	04.43	34.985	27.75		1482.8								
	510	00900	04-19	34.95	27 • 75	00.604	1482.5								
	OBS STO	00900	04.19	34.950	27.75	00	1482.5								
	085	01000 01000	04-12	34.95	27.76	00-649	1483.8								
	085	01060	04.12	34.950	27.76		1483-8								
	365	~1000	04.10	34.950	27.76		1484 - 8								

REF10 31 8296 CONSEC 007L LAT 42 22 N LONG 050 50 W	MONT OAY	1972 04 19 00.5	BOTOP 02032 SHIP EV OATA USE 1 AREA 05				GT PER 6 6	WIND-DIR WIND-52D WIND-FOR WEATHER		TR AC I	STO REG E OIR Vion Tip 11	00.3	5 2	N SQ <sup>1</sup> SQUARI SQUARI SQUARI	E 2
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND V€L	OX V G	P 34	1 01 P	402	NO3	\$103	P 4	
	510	00000	02.89	33.56	26.77	00,000	1460.2								
00.5	nas	20002	02.89	33.560	26.77	-	1460 - 2								
	5 T D	00010	02 • 92	33.58	26.78	00.013	1460.5								
	ORS	00010	02.92	33.580	26.78		1460 - 5								
	785	00012	02.94	33.585	26.78		1460.6								
	510	00020	02.70	33.54	26.77	00.026	1459.7								
	085	00020	02-70	33 • 540	26.77		1459.7								
	DAS STD	00021	02.66	33.550	26.78	00 030	1459.5								
	785	00030	02.65 02.65	33.580 33.580	26.81 26.81	00.038	1459.7								
	STp.	00050	01.71	33.59	26.89	00.063	1455.9								
	JA S	00065	01.41	33.680	26.98	00.003	1454.9								
	510	00075	01-41	33.78	27.06	00.090	1455.2								
	⊃8 S	00075	01-41	33-780	27.06	-	1455.2								
	510	001 00	02.49	34.02	27.17	00.114	1460.7								
	0B S	00100	02-49	34-025	27.17		1460.7								
	510	00125	02.53	34.08	27.21	00.136	1461.4								
	780	00125	02.53	34.080	27.21		1461.4								
	ORS	00139	02.95	34.160	21.24		1463.5								
	\$TD	00150	03.18	34.20	27.25	90-158									
	085	00180	03.82	34.300	27.27		1468-1								
	510 D85	00200	05.48	34.64	27.35	00.197	1475 - 8								
	085	00200 00203	05•48 05•86	34.640 34.660	27.35 27.32 +		1475.0								
	085	00222	05-42	34.580	27.31		1475.8								
	085	00245	03.18	34.300	27.33		1466.5								
	Sto	00250	03.63	34.42	27.38	00.235	1468.6								
	085	00250	03.63	34.420	27.38		1468.6								
	STD	00300	04.53	34.63	27.46	00.269	1473.5								
	280	00310	04.71	34.670	27.47		1474.5								
	280	00322	04.15	34.640	27.51		1472.3								
	085	00335	04.31	34.680	27.52		1473.2								
	STD	00400	04.92	34.76	27.51	00 - 334									
	085	00402	04.94	34.760	27.51		1477.1								
	085	00415	04.36	34.780	27.59		1474 - 9								
	085 085	00450	04-84	34.930	27.66		1477.7								
	510	00475 00500	04 • 84 04 • 72	34 • 910 34 • 92	77.64 27.67	00.390	1478.1								
	085	00500	04.72	34.920	27.67	00.390	1478.0								
	085	00505	04.66	34.930	27-68		1477.8								
	ORS	00530	04.76	34.960	21.69		1478.7								
	510	00600	04.55	34.94	27.70	00-438	1479.0								
	nBs	00600	04.55	34.945	27.70		1479.0								
	280	00625	04.56	34.955	27.71		1479 - 4								
	510	00700	04.24	34.92	27.72	00.484	1479.3								
	085	00700	04.24	34.920	27.72		1479.3								
	280	00757	04.16	34.920	27.73		1479.9								
	510	00800	04.15	34.92	27.73	00.530	1460.6								
	085	00800	04.15	34.920	27.73	00 - 1-	1480.6								
	510	00900	04.12	34.93	27.74	90.575	1482-1								
	085 085	00900 00940	04.12 04.12	34.930 34.940	27.74 27.75		1482 -1								
	510	01000				00 421	1482.8								
	085	01000	04.22 04.22	34.96 34.965	27.76 27.76	00.621	1484 • 3								
	ORS	01045		34.960	27.76		1484.8								

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REFID CONSE LAT LONG	€ 41	8296 0072 59 N 30 H	MONT: OAY	1972 H 04 19 03+6	BOTOP 03120 SHIP EV DATA USE 1 AREA 25	HET BARD			GT PER 7 4	#[40-018 #[40-5PD #[40-6]R #E###E*		I NS T TR AC DURA OR IG	E DIA TUNN	₹	OROER D OD.3	5 2	N 52 SQUAR SQUAR SQUAR	E E 0:
CAS	T <sub>NUM</sub> /	TIME	LVLTYP	DEPTH	TEMP	SAL	1-AF212	DYNOPTH	SNO VEL	DXYG	P 34	<sup>T</sup> OT P	NO	ρį	NO3	S1 <sup>2</sup> 3	PH	
			510	00000	03.05	33.44	26.66	00.000	1460.7									
		03.6	DAS	00000	03.05	33.440	26.66		1460.7									
			510	00010	03.05	33.44	26.66	00.014	1460.9									
			985	00010	03.05	33.440	26.66		1460.9									
			STD	00020	03.05	33.44	26.66	00.028	1461.0									
			785	00020	03.05	33.440	26.66		1461.0									
			STD	00030	03.05	33.44	26-66	00.042	1461.2									
			118.5	00030	03.05	33.440	26.66		1461 - 2									
			510 395	00050	03.05	33.44	26.66	00.070	1461.5									
			21U 5cr	00050	03.05 03.05	33.440 33.44	26,66	00 106	1461.5									
			785	00075	03.05	33.440	26.66 26.66	00.104	1461.9									
			510	00100	02.99	33.48	25.70	00.139	1462.1									
			ORS	00100	02.99	33.480	26.70	00. [	1462.1									
			STO	00125	02-18	33-62	26.88	00.171										
			DAS	00125	02.18	33.620	26.88		1459.2									
			STD	00150	02.23	33.93	27.04	00.199	1460.1									
			DAS	00150	02.23	33.430	27.04		1460.1									
			78 S	00189	02.67	33. P80	27.04		1462.8									
			510	00200	02.56	33.93	27.09	00.249	1462.5									
			nas	00500	02.56	33.930	27.09		1462.5									
			SYn	00250	02.23	34.13	27.28	00-294	1462.2									
			JA5	00750	02.23	34,125	27.28		1462.2									
			STO	00300	02.92	34.24	27.31	00.335	1466 - 2									
			785 ∩85	00300 00335	02.92	34.240	27.31		1466.2									
			DHS	00350	03.46 03.27	34.330	21.33 27.35		1469.2									
			085	00385	03.50	34.420	27.40		1470.3									
			510	004 00	03.48	34.42	27.40	00.410	1470.5									
			285	00400	03.48	34-420	27.40	00.7.0	1470.5									
			085	00420	03.53	34.425	27.40		1471.0									
			OBS	004 35	03.67	34.460	27.41		1471.9									
			ORS	00447	03.62	34.455	27.41		1471.9									
			510	00500	03.67	34.51	27.45	00-480	1473.0									
			n85	005.00	03.67	34.510	27.45		1473.0									
			185	00552	02.61	34.400	27.46		1469+2									
			STO	00600	02.91	34.53	27.54	00.544	1471-5									
			18.5	00500	02.91	34.530	27.54		1471.5									
			510	00700	04.76	34.93	27.59	00.603	1481-3									
			OAS	00700	04.76	34 - 830	27.59		1481.3									
			085 510	00765	05.16	34.870	27.57	00 443	1484.1									
			085	00800	05.56 05.56	34.98 34.980	27•61 27•61	00.662	1486.5									
			085	00840	05.34	34.950	27.62		1486.2									
			085	00874	04.90	34.915	27.64		1484 • 9									
			510	00900	04.96	34.94	27.65	00.720	1485.6									
			⊓AS	00000	04.96	34.940	27.65		1485+6									
			985	00941	05 • 02	34.935	27.64		1486.6									
			510	01000	04.96	34.96	27.67	00.775										
			⊓BS	01000	04.96	34.965	27.67		1487.3									
			985	01050	04.93	34.975	27.68		1488.1									
			-	-					· <del>-</del>									

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 CONSEC 0073 LAT 41 03 N LONG 050 15 W	MONT DAY	1972 H 05 09 05+0	ACTOP 03621 SHIP EV DATA USE 1 AREA 05	AIR HET 1 BARO CL 1981	SULR 08.3 4ETP 1020.3		GT PER O 2	HIND-DIR HIND-52D HIND-FIR HEATHFR	0.4	TRACE		02.2	5 2	N SO 13 SQUARE SOUARE SQUARE	1 00
CASTNUM/TIME	LVLTYP	NEPTH	TEMP	SAL	SISMA-T	DYNOPTH	SNO VEL	TXY G	P 14	TOT P	NO2	103	5173	рн	
	\$10	00000	09.90	33.50	25.98	00.000	1484 - 4								
05.0	085	00200	08 • 90	33.500	25.9A		1484.4								
• • • • • • • • • • • • • • • • • • • •	STD	00010	10.70	33.90	25.99	00.020	1491 . 7								
	085	00010	10.70	33.700	25.90		1491.7								
	510	00020	07.29	33.44	26.17	00.040	1478.5								
	510	00030	05.80	33.30	25.26	00.058	1472.5								
	085	00030	05.80	33.300	26.26		1472.5								
	STO	00050	08.60	34.00	26.42	00.092	1484.7								
	UBS	00050	08.60	34.000	26.42		1484.7								
	STO	00075	11.40	35.15	26.84	00.128	1496.8								
	08.5	00075	11.40	35.150	26.84		1496.8								
	510	60100	10.10	34.96	26.92	00.158	1492.3								
	08.5	00100	13.10	34.960	26.92		1492 - 3								
	510	00125	10-14	35.01	26.95	00.187	1493.0								
	\$10	20120	10.21	35.04	26.97	00.215	1493.7								
	510	00500	10.40	35.10	26.98	03.272	1495.2								
	185	002 00	10-40	35-100	26.98		1495.2								
	280	00220	10.50	35.115	26.97		1495.9								
	085	00238	10.30	35.130	27.02		1495.5								
	\$10	00250	08.59	34.75	27.01	00.327	1488.9								
	.18 \$	00250	07.RO	34.590	27.00		1485.9								
	085 510	00270 00±00	07.60	34.560	27.01	00 201	1485.2								
		00100	07.50	34.62	27.07	00.381	1485 -4								
	085 085	00320	07.50 08.60	34.620 34.960	27.07 27.17		1485.4								
	085	00347	08.40	34.950	27.19		1490 • 1								
	085	00352	07.30	34.700	27.16 *		1485.6								
	STO	004 00	07.64	34.87	27.25	00.479	14RR.0								
	085	00408	07.70	34.400	27.26	00.417	1488.3								
	085	00437	05.80	34.570	27.26		1480.9								
	085	00450	07.10	34.950	27.39		1486.3								
	STD	00500	07.10	35.02	27.44	00 - 561	1487.7								
	085	00500	07.10	35.020	27.44		1487.7								
	510	00600	05.80	34.97	27.58	00.624	1484-1								
	285	00690	05.80	34.970	27.5R		1484.1								
	510	00700	05.42	35.00	27.65	00.685	1484.3								
	ORS	00700	05.42	35.005	27.65		1484.3								
	STD	00400	04.89	35.00	27.71	00.736	1493-8								
	785	00+00	04.89	35.000	27.71		1483.8								
	\$10	00900	04.71	35.00	27.73	00.785	1484.7								
	085	00900	04.71	35.000	27.73		1484.7								
	STO	01000	04.45	34.98	27.74	00.832	1485.3								
	URS	01000	04.45	34.980	27.74		1485.3								
	OAS	01012	04.39	34.980	21.75		1485.2								
					•••••	• • • • • • •	,								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF10 31 8296 CUNSEC 0074 LAT 41 34 N LONG 050 18 W	MONT- OAY	1972 4 05 09 08.7	SOTOP 03767 SHIP EV OATA USE 1 APEA 05				GTPER 22	#IND-OIR #IND-SPO #IND-FIR #EAHT#ER		TRACE DURAT		00 • 3	5 2	N SQ 1 SQUARE SQUARE SQUARE	00
CASTNUM/TIME	LVLTYP	0FP <b>I</b> H	TEMP	SAL	SIGMA-1	OYNOPTH	SNO VEL	Dx√ G	P)4	TCT P	NO2	NO3	5133	P4	
	51P	00300	11.30	34 - 28	25.18	00.000	1494.1								
C 9.7	ORS	00000	11.30	34 - 285	26.18		[494.]								
	URS	00000	11.50	34.360	26.21		1495.0								
	SID	00010	11.45	34.60	20.40	00.017	1495.2								
	5 <b>T</b> O	00020	11.28	34.92	26.68	00.032	1495.2								
	DRS	00020	11.28	34.925	26.68	00	1495.2								
	510	20030	11.05	34.88	26.69	00.046	1494.5								
	085 085	00033	11.05	34.880 34.850	26.69 26.67		1494.4								
	085	00031	10.97	34.980	26.71		1494 • 4								
	510	00050	11.01	34.99	26.79	00.073	1494.8								
	085	00050	11.01	34.995	26.79		1494 . 9								
	nB S	00065	11.35	35.150	26.PS		1496.5								
	280	00070	11.19	35.110	26.85		1495.9								
	STO	00075	11.50	35.22	26.87	00.104									
	085	00075	11.50	35.220	26.87		1497 +2								
	3BS	000380	11.96	35.400	26.93	00.134	14 <sup>99</sup> .1 1488.2								
	510 085	00100	09.07 08.62	34.69 34.640	26.88 * 26.92	00.134	1486.7								
	510	00125	09.20	34-89	27.02	00.162	1489.4								
	285	00125	09.20	34.890	27.02	001-0-	1489.4								
	085	00124	09.21	34.910	27.03		1489.5								
	ศอร	00140	09.09	34.865	27.02		1489.2								
	510	00150	09.90	35.18	27.13	00-189	1492.7								
	ORS	00150	09.90	35.185	27.13		1492.7								
	785	00195	09.40	35.100	27.15	20 224	1491.5								
	012 280	00200	09.30	35.09 35.090	27.15 27.15	00.236	1491.4								
	08.5	00500	09•35 09•28	35.140	27.20		1491.4								
	085	00222	09.53	35.190	27.20		1492.6								
	\$10	00250	09.20	35.16	27.23	00.283	1491.8								
	28 C	00250	09.20	35.165	27.23		1491.8								
	STO	00300	08.41	35.09	27.30	00.326	1489.5								
	0.8.5	00300	08.41	35.090	27.30		1489.5								
	OAS	00315	07.84	35.035	27.35		1487.5								
	OBS OBS	00350	06.60 06.46	34.945 34.880	27.37 27.42		1483.0 1482.9								
	095	00312	06.56	34.955	27.46		1483.5								
	510	00400	06.46	34.96	27.49	00.402	1483.4								
	285	00401	06.46	34.965	27.49		1483.4								
	08.5	00420	06.48	34.985	27.50		1483.9								
	085	00440	06.38	35.005	27.53		1483.8								
	085	00450	06.38	35.005	27.53		1484.0								
	510 085	00500	05.45	34.96	27.61	00.463	1491.0								
	08.5	00500 00510	95.45 95.41	34.960 34.990	27.61 27.64		1481.1								
	085	00516	05.46	34.980	27.63		1481.4								
	510	00600	05.15	34.99	27.67	00.516	1481.5								
	085	00600	05.15	34.990	27.67		1481.5								
	510	00700	04.B4	34.97	27.70	00.565	1481.9								
	OBS	00700	04.84	34,975	27.70		1481.9								
	STO	00400	04.59	34.99	27.74	00.613	1482 - 5								
	nB S	00900	04.59	34.990	27.74	00 450	1482.5								
	510 085	00200	04.38 04.39	34.98 34.985	21.75 21.75	00.658	1493.3								
	510	01000	04.25	34.48	27.77	00.703	1484.4								
	118.5	01203	04.25	34 980	27.77		1484.4								
	785	01051	04.20	34.980	27.77		1485.1								
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

EDNSEC 0975 LAT 42 02 N	YEAR 1972 MONTH 05 DAY 09 HOUR 14.0	ROTOP 03475 SHIP EV DATA USE 1 AREA 05	ALR T WET B BAROM CLOUD	UL8 10.6 ETP 1021.3	OLR HO 27 SEA CL/TR		WIND-DIR WIND-SPO WINO-FOR WENTHER	09	TRACE OURAT		08 n∈ 8 n oo.2	5	I C2 N SQUAPE SAAUOZ SAALOZ	20
CASTNUM/TIME LVL	TYP DEPTH	TEMP	SAL	51644-T	OANDBIH	SNO VEL	OXY G	P 34	101 P	NO2	NU3	5133	PH	
\$	τρ 00000	13.17	35.10	26.45	00.000	1501.6								
14.0 08	5 00000	13.17	35.100	26.45		1501.6								
08		13.11	35.200	26.54		1501.5								
5	01000 01	13.94	35.43	26.55	00.015	1504 • 7								
JR.	5 00010	13.94	35.430	26.55		1504.7								
	10 00020	13-59	35.39	26.59	00.030	1503.6								
	TD 000 40	13.23	35.35	26.63	00.045	1502 • 6								
	TO 00050	12.53	35-26	24.71	00.072	1500.4								
ΠA		12.53	35.265	25.71		1500.4								
0.8		06.27	34.020	26 - 77		1475.9								
	10 00075	05.54	34.24	26.90	00.104	1477.5								
ua.		06.54	34.240	26.90		1477.5								
	00100	06.92	34.30	26.90	00.133	1479.5								
ეგ		06 • 97	34.310	26.90		1479.8								
	TO 00125	06.93	34.31	26.91	00.163	1479.9								
OB.	5 00125 TO 00150	06 - 93	34.310	24.91	00 103	1479.9								
08		97.80 07.90	34.53 34.535	25.96 26.96	00.192	1484.0								
JR'		08.82	34.75H	26.98		1488.8								
	10 00200	07.89	34.58	26 • 9 R	00.24R									
าซึ่		07.42	34.495	26.98	00.240	1483.5								
UB		07.38	34,490	26.98		1483.5								
	In 00250	08.12	34.74	27.07	00.302	1487.1								
	19 00300	29.07	35.08	27.19	00.352	1492.0								
OR		09.14	35.120	27.20		1492 . 6								
ายา		09-29	35.170	27.22		1493.3								
OB:	5 00345	08.97	35.100	21.22		1492 - 4								
5	TD 00400	07.96	35.01	27.31	00.442	1489.4								
08	20400	97.96	35.015	27.31		1489.4								
	10 00500	02.50	34.42	27.49	00.515	1467.9								
<b>∁</b> 舟'		02.50	34 - 425	27.49		1467.9								
081		03.46	34.560	27.51		1472.7								
2e.		03.18	34.510	27.50		1471.6								
28		03.52	34.580	27.52		1473.3								
191		03.43	34.555	27.51		1473.0								
O.B.		03.78	34.645	27.55	00 5 7 2	1475.0								
	10 00600	25.23	34.96	27.64	00.573	1481 -R								
ეგ: ეგ:		05.23 05.40	34.965	27.64		1481.8								
O.A.		05.43	34.990	27.62		1482.7								
	10 00700	05.12	34.98	27.64 27.67	00 434	1483.3								
18:		15.12	34.985	21.67	00.626	1483.0								
	rn 00900	04.68	34.99	27.71	00.676	1483 - 7								
28.		04.88	34.995	27.71	30.010	1483.7								
	10 00000	04.65	35.00	27.74	00.725									
9e.		04.66	35.000	27.74	33	1484.5								
	10 01000	04.43	34.99	27.75	00.771	1485.2								
09		04.43	34.990	27.75		1485.2								
	10 01102	24 - 32	34.99	27.77	00.817									
0.9		04.32	34.995	27.77		1486.4								

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	6 MONTE	1972 → 05 09 16•7	BOTOP 02999 SHIP EV DATA USE 1 ARE4 05	AIB T WET B BAROM CLOUD	ULB 12.2 ETR 1021.3	DIR H L2 SEA CL/TR	GT PER D 2	RIO-OFIN ORZ-OFIN RCH-OFIN FHTABN	05	TRAC DURA	STO REC E OIR Tion Tip Lic	03.3	5 2	N SO 13 SQUARE SQUARE SQUARE	1 20
CASTNUM/TIME	LVLTYP	0EPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P34	TOT P	NOZ	NO3	\$133	РН	
	STO	00000	12.72	34.96	26.44	00.000	1499.9								
16.		00000	12.72	34.960	26.44	••••	1499.9								
	510	00010	12.83	35.01	26.46	00.016	1500.5								
	de s	00010	12.83	35.015	26.46		1500.5								
	085	00016	12.89	35.060	26 • 48		1500.8								
	510	00020	12.78	35.04	26.49	00.032	1500.5								
	OBS	00020	12.78	35.040	26.49		1500.5								
	510	00030	12.03	34.96	26.57	00.047	1498.0								
	085	00030	12.03	34.960	26.57		1498+0								
	510	00050	13.22	35.44	26.71	00.075	1503.0								
	785	00050	13.22	35.445	26.71		1503.0								
	\$10	00075	12.60	35.50	26.88	00-107	1501.4								
	085	00075	12.60	35.500	26.88 26.91	00.137	1501.5								
	STD	00100	12.52 12.52	35.52 35.520	26.91	004137	1501.5								
	UBS S¥0	00100 00125	11.37	35.28	26.94	00.166	1497.7								
	510	00150	08-90	34.RO	27.00	00.194	1488.5								
	095	00150	08.90	34.800	27.00		1488.5								
	085	00163	07.10	34.460	27.00		1481.4								
	085	00175	07.92	34.660	27.04		1485.0								
	\$10	00200	06.85	34.48	27.05	00.248	1461.1								
	nes	C02 00	06.85	34.480	27.05		1481.1								
	085	00211	07.14	34.615	27.12		1482.6								
	510	00250	07.83	34.73	27.11	00.300	1486.0								
	088	00250	07.83	34.730	27.11		1486.0								
	085	00290	06.16	34.520	27.17		1479-8								
	510	00300	05.64	34.43	27.17	00.348	1477.8								
	085	00302	05+57	34.420	27.17		1477.5								
	085	00365 00390	08.92 08.73	35.130 35.065	27.25 27.23		1492.2								
	OBS STO	00400	08.25	34.98	27.24	00.441	1490.4								
	nes	00400	08.25	34.980	27.24	00.44.	1490.4								
	085	00440	07.73	35.035	21.36		1489.2								
	085	00475	06.52	34.865	27.40		1484.8								
	STO	005 00	06.15	34.86	27.44	00.523	1483.7								
	085	00500	06.15	34 - 860	27.44		1483.7								
	085	00515	06.09	34.885	27.47		1463.6								
	OBS	00536	06.48	35.000	27.51		1485.8								
	085	005 70	05.77	34.945	27.56		1483.5								
	082	005 90	05.72	34.955	27.57	00	1483.6								
	STD	00600	05.78	34.98	27.59	00.588	1484.1								
	085	00600	05.78	34.985	27.59		1484.1								
	085	00620	05.78	34.960	27.57		1484.4								
	ეც5 <b>ვ</b> †0	00622 00700	05.67 05.20	34.985 34.99	27.60 27.66	00.644	1483.4								
	085	00700	05.20	34.990	27.66	00.044	1483.4								
	510	00800	04 • 94	35.00	27.70	00.695	1484.0								
	085	00800	04.94	35.000	27.70		1484.0								
	\$10	00900	04-68	34.99	27.73	00.744	1484 .6								
	08.5	00900	04.68	34.995	27.73		1484.6								
	STO	01000	04.48	34.99	27.75	00.791	1485 . 4								
	085	01000	04.48	34.990	27.75		1485.4								
	088	01010	04.47	34.990	27.75		1485.5								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

Castaurant   Cas	AFFIO 31 8296 YEAR 197, CONSEC 0077 MONTH OF LAT 42 33 N DAY OF LONG 050 19 N HOUR 19.	ROTOP 0278 SHIP FV DATA USF AREA 0	WET BULR 07. 1 BAROMETA 1022.	2 12 0 2	HERTHER X7	INST STO RECORDER TRACE DIR 0 DURATION 00.1 ORIG TIP 110	
19.2 385 00001 10.87 34.320 26.29 14.92.7 510 00010 12.23 34.88 26.47 00.017 14.98.3 085 00010 12.23 34.88 26.47 00.017 14.98.3 085 00010 12.23 34.88 26.47 00.017 14.98.3 085 00020 13.50 35.38 26.61 00.032 1503.3 085 00020 13.50 35.38 26.61 1503.3 510 00030 13.55 35.53 26.67 00.066 1504.5 085 00031 13.61 35.470 26.65 1504.5 085 00031 13.61 35.470 26.65 1504.5 085 00050 13.50 35.50 26.70 00.073 1504.0 085 00050 13.50 35.50 26.70 00.073 1504.0 085 00050 13.50 35.50 26.70 00.073 1504.0 085 00050 13.51 35.50 26.70 1504.0 085 00050 13.57 35.550 26.72 1504.5 085 00065 13.45 35.50 26.71 00.108 1504.2 JRS 00075 13.45 35.50 26.71 00.108 1504.2 JRS 00075 13.45 35.50 26.71 1504.2 JRS 00075 13.45 35.40 26.78 00.141 1503-3 IRS 00100 13.05 35.40 26.78 00.172 1503-3 IRS 00125 12.27 35.46 26.91 00.172 1503-3 IRS 00125 11.50 35.36 26.99 00.201 1498.6 STD 00700 09.25 34.87 26.99 00.257 1490.7 IRS 00200 09.25 34.87 26.99 00.257 1490.7 IRS 00200 07.25 34.87 26.99 00.257 1490.7 IRS 00200 07.69 34.950 27.10 0.308 1488.1 STD 00200 07.69 34.950 27.10 1488.8 STD 00200 07.69 34.950 27.30 0.486.6	CASTMUNITINE LYLTYP OF	H TEMP	SAL SIGHA-T	OYNOPTH SNO VEL	ЭХУG РЭ4	TOT P NO2 NO3	5133 P4
19.2 385 00001 10.87 34.320 26.29 14.92.7 510 00010 12.23 34.88 26.47 00.017 14.98.3 085 00010 12.23 34.88 26.47 00.017 14.98.3 085 00010 12.23 34.88 26.47 00.017 14.98.3 085 00020 13.50 35.38 26.61 00.032 1503.3 085 00020 13.50 35.38 26.61 1503.3 510 00030 13.55 35.53 26.67 00.066 1504.5 085 00031 13.61 35.470 26.65 1504.5 085 00031 13.61 35.470 26.65 1504.5 085 00050 13.50 35.50 26.70 00.073 1504.0 085 00050 13.50 35.50 26.70 00.073 1504.0 085 00050 13.50 35.50 26.70 00.073 1504.0 085 00050 13.51 35.50 26.70 1504.0 085 00050 13.57 35.550 26.72 1504.5 085 00065 13.45 35.50 26.71 00.108 1504.2 JRS 00075 13.45 35.50 26.71 00.108 1504.2 JRS 00075 13.45 35.50 26.71 1504.2 JRS 00075 13.45 35.40 26.78 00.141 1503-3 IRS 00100 13.05 35.40 26.78 00.172 1503-3 IRS 00125 12.27 35.46 26.91 00.172 1503-3 IRS 00125 11.50 35.36 26.99 00.201 1498.6 STD 00700 09.25 34.87 26.99 00.257 1490.7 IRS 00200 09.25 34.87 26.99 00.257 1490.7 IRS 00200 07.25 34.87 26.99 00.257 1490.7 IRS 00200 07.69 34.950 27.10 0.308 1488.1 STD 00200 07.69 34.950 27.10 1488.8 STD 00200 07.69 34.950 27.30 0.486.6	SID OO	10.87	34.32 26.29	00.000 1492.7			
\$10 0010 12.23 34.88 26.47 00.017 1498.3 1498.7 \$10 0020 13.50 35.48 26.47 1498.3 1498.3 \$10 0020 13.50 35.39 26.61 00.032 1503.3 \$10 0020 13.50 35.39 26.61 1503.3 \$10 0020 13.50 35.39 26.67 1504.5 \$10 0020 13.75 35.53 26.67 1504.5 \$10 0020 13.75 35.53 26.67 1504.5 \$10 0020 13.61 35.47 35.57 26.67 1504.5 \$10 0020 13.61 35.47 35.57 26.67 1504.5 \$10 0020 13.61 35.50 26.71 1504.5 \$10 0020 13.50 35.50 26.70 1504.0 \$1504.5 \$10 0020 13.50 35.50 26.70 \$1504.0 \$1504.5 \$10 0020 13.45 35.50 26.70 \$1504.5 \$10 0020 13.45 35.50 26.70 \$1504.5 \$10 0020 13.45 35.50 26.71 \$1504.5 \$10 0020 15 34.45 35.50 26.71 \$1504.5 \$10 0020 15 34.45 35.50 26.71 \$1504.5 \$10 0020 15 34.45 35.50 26.71 \$1504.2 \$1504.2 \$1503.4 \$1504.2 \$1503.4 \$1504.2 \$1503.4 \$1504.2 \$1504.2 \$1503.4 \$1504.2 \$1							
085							
\$10 00020							
\$10 00030				00.032 1503.3			
nAS         90030         13,61         35,530         26,65         1504.5           nBS         90040         13,67         35,570         26,65         1504.5           STIN         90050         13,57         35,570         26,71         1504.5           STIN         90050         13,57         35,500         26,70         90.00           NBS         90052         13,37         35,460         26,69         1503.5           NBS         90065         13,45         35,500         26,71         90,108         1504.5           STO         90075         13,45         35,500         26,71         90,108         1504.5           NBS         90080         13,34         35,400         26,72         1503.9           STO         90101         13,05         35,490         26,78         1503.9           STD         90125         12,27         35,460         26,78         1501.0           STD         90125         12,27         35,460         26,91         1501.0           STD         90125         12,27         35,460         26,91         1501.0           STD         90125         12,27         35,460 <td< th=""><th>U8S 000</th><th>0 13.50</th><th>35.386 26.61</th><th>1503.3</th><th></th><th></th><th></th></td<>	U8S 000	0 13.50	35.386 26.61	1503.3			
085         00031         13.61         35.570         26.65         1504.5           985         00045         13.67         35.570         26.71         1504.0           985         00050         13.59         35.50         26.70         00.073         1504.0           985         00052         13.37         35.50         26.69         1503.5           985         00065         13.57         35.550         26.72         1504.5           985         00065         13.45         35.500         26.71         1504.2           985         00075         13.45         35.500         26.71         1504.2           985         00080         13.34         35.500         26.71         1504.2           985         00101         13.05         35.49         26.78         00.141         1503.3           987         00100         13.05         35.49         26.78         00.141         1503.3           988         00125         12.27         35.40         26.78         00.141         1503.3           988         00125         12.27         35.40         26.78         00.11         1501.0           985         00150		10 13.75					
185 00045 13.67 35.57C 26.71 1504.0 085 00050 13.50 35.50 26.77 00.073 1504.0 085 00050 13.57 35.550 26.70 1504.0 085 00052 13.37 35.460 26.69 1503.5 085 00065 13.57 35.550 26.72 1506.5 087 00075 13.45 35.50 26.71 09.108 1504.2 085 00075 13.45 35.50 26.71 09.108 1504.2 085 00075 13.45 35.50 26.71 1504.2 085 00075 13.45 35.50 26.71 1504.2 085 00075 13.45 35.50 26.71 1504.2 086 00101 13.05 35.49 26.78 1503.9 081 00101 13.05 35.49 26.78 1503.3 081 00125 12.27 35.46 26.91 1503.3 081 00125 12.27 35.46 26.91 1501.0 081 00125 12.27 35.46 26.91 1501.0 082 00150 11.50 35.36 26.98 00.201 1498.6 083 00150 11.50 35.36 26.98 00.201 1498.6 084 00275 11.50 35.36 26.99 1490.7 085 00200 09.25 34.87 26.99 1490.7 085 00200 09.25 34.87 26.99 1490.7 085 00200 09.25 34.87 26.99 1490.7 085 00200 09.25 34.867 26.99 1490.7 085 00200 09.25 34.867 26.99 1490.7 085 00200 09.25 34.867 26.99 1490.7 085 00200 09.25 34.867 26.99 1490.7 085 00200 09.25 34.867 27.16 1488.8 086 00275 07.86 34.910 27.16 1488.8 087 00275 07.86 34.910 27.140* 087 00275 07.86 34.910 27.24 1486.8 088 00275 07.86 34.910 27.24 1486.8 088 00392 07.67 34.960 27.31 1486.7 088 00392 07.67 34.960 27.31 1486.7 088 00392 07.67 34.960 27.31 1486.7	n85 000	0 13.75	35,530 26,67	1504.5			
STD   00050   13.50   35.50   26.70   00.073   1504.0     ORS   00050   13.50   35.500   26.70   1504.0     ORS   00050   13.57   35.550   26.72   1504.5     ORS   00065   13.57   35.550   26.72   1504.5     STD   00075   13.45   35.500   26.71   1504.2     ORS   00080   13.34   35.400   26.71   1504.2     ORS   00101   13.05   35.40   26.71   1503.9     STD   00101   13.05   35.40   26.78   00.141   1503.3     ORS   00102   12.27   35.46   26.91   1503.3     STD   00150   11.50   35.360   26.91   1501.0     ORS   00125   12.27   35.46   26.91   1501.0     ORS   00125   11.50   35.360   26.91   1501.0     ORS   00150   11.50   35.360   26.99   1498.6     STD   00200   09.25   34.867   26.99   1498.6     STD   00250   08.19   34.970   27.15   1487.3     ORS   00275   07.86   34.910   27.24   1488.8     ORS   00275   07.86   34.910   27.24   1486.8     ORS   00275   07.86   34.910   27.24   1486.6     ORS   00299   07.61   34.950   27.30   00.355   1486.6     ORS   00299   07.61   34.910   27.28   1486.7     ORS   00390   07.69   34.950   27.30   00.435   1486.6     ORS   00390   07.69   34.950   27.31   00.435   1486.2     ORS   00390   07.67   34.960   27.31   00.435   1486.2     ORS   00400   05.75   34.630   27.31   00.435   1486.2							
0AS       00050       13.50       35.500       26.70       1504.0         0BS       00065       13.37       35.460       26.69       1503.5         1BS       00065       13.57       35.550       26.71       100.108       1504.5         1BS       00075       13.45       35.500       26.71       1504.2         1BS       00080       13.34       35.490       26.72       1503.9         STD       00107       13.05       35.49       26.78       00.141       1503.3         SYD       00125       12.27       35.460       26.91       1501.0         BS       00125       12.27       35.460       26.91       1501.0         SYD       00157       11.50       35.36       26.98       00.201       1498.6         SYD       00157       11.50       35.360       26.98       00.201       1498.6         SYD       00200       09.25       34.867       26.99       1498.6         SYD       00200       09.25       34.867       26.99       1498.6         SYD       00200       09.25       34.970       27.16       1487.3         DSS       00240       08.5							
0AS         00052         13,37         35,460         26.69         1503.5           0BS         00065         13,57         35,550         26.72         1304.5           STO         00075         13.45         35,50         26.71         00,108         1504.2           JAK         00075         13.45         35,500         26.71         1504.2           nAK         00080         13.34         35,490         26.72         1503.9           STO         00101         13.05         35,490         26.78         00.141         1503.3           IBS         09100         13.05         35,490         26.78         00.141         1503.3           STD         00125         12.27         35.460         26.91         00.172         1501.0           OBS         00125         12.27         35.460         26.91         00.201         1491.6           STD         00150         11.50         35.360         26.94         00.201         1498.6           STD         00700         09.25         34.87         26.99         1498.6           STD         00700         09.25         34.867         27.16         1487.3           <							
185							
\$\begin{array}{cccccccccccccccccccccccccccccccccccc							
JRS							
nAs         00080         13,34         35,490         26,72         1503.9           stn         00101         13.05         35,49         26,78         00-141         1503-3           stn         00102         13.05         35,490         26,78         00-172         1501-0           stn         00125         12.27         35,460         26,91         1501-0           stn         00150         11.50         35,36         26,98         00.201         1498.6           stn         00150         11.50         35,360         26,98         00.201         1498.6           stn         00700         09.25         34,87         26,99         1498.6           stn         00700         09.25         34,87         26,99         1490.7           185         00200         09.25         34,87         26,99         1490.7           185         00200         09.25         34,870         27,16         1487.3           185         00240         08.55         34,920         27,15         1488.8           stn         00261         07,28         34,910         27,24         1486.8           stn         00300         07.6							
STD   O01   O1   O1   O1   O1   O1   O1   O							
1185							
\$\begin{array}{cccccccccccccccccccccccccccccccccccc							
185							
\$\begin{array}{cccccccccccccccccccccccccccccccccccc							
ORS         00157         11.50         35.360         26.99         1498.6           STD         00700         09.25         34.87         26.99         00.257         1490.7           185         00203         08.19         34.870         27.16         1487.3           085         00247         08.55         34.920         27.15         1488.8           STD         00750         08.30         34.92         27.18         00.308         1488.1           085         00263         07.28 P         34.67 P         27.140         72.140         72.140           085         00275         07.86         34.910         27.24         1486.8         1486.8           STD         00300         07.69         34.95         27.30         00.353         1486.6           ORS         00329         07.61         34.950         27.30         1486.6           ORS         00329         07.61         34.910         27.28         1486.6           ORS         00332         07.67         34.960         27.31         1486.7           ORS         00332         07.67         34.960         27.31         1486.6           ORS         <							
\$10 00200 09.25 34.867 26.99 00.257 1490.7  1085 00200 09.25 34.867 26.99 1490.7  1085 00230 08.19 34.867 27.16 1487.3  1085 00240 08.55 34.920 27.16 1487.3  \$10 00250 08.30 34.92 27.18 00.308 1488.1  085 00261 07.28 P 34.67 P 27.140*  1085 00275 07.86 34.910 27.24 1486.8  \$10 00300 07.69 34.95 27.30 00.353 1486.6  1085 00329 07.61 34.950 27.30 1486.7  1085 00329 07.61 34.910 27.28 1486.7  1085 00329 07.67 34.960 27.31 1487.1  \$10 00400 05.75 34.63 27.31 00.435 1480.2  1085 00400 05.75 34.63 27.31 1480.2							
nes     00200     09.25     34.867     26.99     14.90.7       nes     00230     08.19     34.870     27.16     14.88.8       nes     00260     08.55     34.920     27.18     14.88.8       nes     00260     07.28     9.34.97     27.140*       nes     00263     07.28     7.28     7.24     14.86.8       nes     00300     07.68     34.910     27.24     14.86.8       nes     00300     07.69     34.95     27.30     00.353     14.86.6       nes     00320     07.61     34.950     27.30     14.86.7       nes     00332     07.67     34.910     27.28     14.86.7       nes     00332     07.67     34.960     27.31     14.87.1       nes     00400     05.75     34.63     27.31     00.435     14.80.2       nes     00400     05.75     34.63     27.31     14.80.2							
785 00237 08.19 34.870 27.16 14.87.3 785 00240 08.55 34.920 27.15 14.88.8 510 00250 08.30 34.92 27.18 00.308 14.88.1 085 00263 07.28 P 34.67 P 27.140* 085 00275 07.86 34.910 27.24 14.96.8 510 00300 07.69 34.95 27.30 00.353 14.86.6 785 00329 07.61 34.950 27.30 14.86.6 785 00329 07.61 34.910 27.28 14.86.7 085 00332 07.67 34.960 27.31 14.87.1 510 00400 05.75 34.63 27.31 00.435 14.80.2							
085     00240     08.55     34.920     27.15     1488.8       510     00263     07.28     78.492     27.18     00.308     1488.1       085     00263     07.28     78.467     P     27.140*       085     00275     07.86     34.910     27.24     1486.8       510     00300     07.69     34.95     27.30     00.353     1486.6       085     00329     07.61     34.950     27.30     1486.6       085     00329     07.67     34.960     27.31     1487.1       510     00400     05.75     34.63     27.31     00.435       1480.2       385     00400     05.75     34.63     27.31     1480.2							
\$\begin{array}{cccccccccccccccccccccccccccccccccccc							
08\$ 0026\$ 07.28 P 34.67 P 27.140*  08\$ 00275 07.86 34.910 27.24 1486.8  \$10 00300 07.69 34.95 27.30 00.353 1486.6  08\$ 00300 07.69 34.950 27.30 1486.6  08\$ 00329 07.61 34.910 27.28 1486.7  08\$ 00332 07.67 34.960 27.31 1487.1  \$10 00400 05.75 34.63 27.31 00.435 1480.2  38\$ 00400 05.75 34.63 27.31 1480.2							
085         00275         07.86         34.910         27.24         1486.8           510         00301         07.69         34.95         27.30         00.353         1486.6           085         00329         07.61         34.910         27.28         1486.7           085         00329         07.67         34.960         27.31         1487.1           510         00400         05.75         34.63         27.31         00.435         1480.2           385         00400         05.75         34.63         27.31         1480.2							
PAS 00300 07.69 34.950 27.30 1486.6  PAS 00322 07.61 34.910 27.28 1486.7  PAS 00332 07.67 34.960 27.31 1487.1  SIN 00400 05.75 34.63 27.31 00.435 1480.2  PAS 00400 05.75 34.630 27.31 1480.2				1496.8			
785 00329 07.61 34.910 27.28 1486.7 785 00332 07.67 34.960 27.31 1487.1 5T0 00400 05.75 34.63 27.31 00.435 1480.2 385 00400 05.75 34.630 27.31 1480.2	\$10 00	07.69	34.95 27.30				
085 00332 07.67 34.960 27.31 1487.1 510 00400 05.75 34.63 27.31 00.435 1480.2 385 00400 05.75 34.630 27.31 1480.2							
\$10 00400 05.75 34.63 27.31 00.435 1480.2 385 00400 05.75 34.630 27.31 1480.2							
3AS 00400 05.75 34.630 27.31 1480.2							
n85 00435 04.00 34.500 27.41 1473.3							
795 00462 04.21 34.625 27.49 1474.8							
51 00500 05.83 35.00 27.60 00.505 1482.6							
185 00500 05.83 35.000 27.60 1482.6 510 00600 05.37 34.99 27.64 00.561 1482.4							
085							
085 00700 05.04 34.995 27.69 1482-7							
510 00900 04-91 35-00 27-77 00-661 1483-4							
JAS 00800 04.81 35.000 27.72 1483.4							
\$10 00900 04.57 34-99 27.74 00.708 1484.1							
085 00900 04.57 34.995 27.74 1484.1							
STD 01000 04.46 35.70 27.76 00.754 1485.3							
CRS 01000 04.46 35.005 27.76 1485.3							
785 01050 04.37 35.000 27.77 1485.8							

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFIN 31 8296 CONSEC 0078 LAT 42 46 N LONG 050 20 W	MONTH	05	ROTOP 01536 SHIP EV DATA USE 1 AREA 05	AIR 1 WET 6 8ARON CLOUT	OJ-9 ETR 1027-7		GT PER	#140-01R #140-590 WIYO-FJR WEATHER	12	TRAC	FOI		00.÷	5 2	N SQ 1 SQUARE SQUARE SJJARE	20
CASTNUMITIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-1	DYNOPTH	SNO VEL	JX4 C	P ) 4	tot F		SCF	NO3	\$133	P 4	
	510	00000	05 - 74	33+22	26.20	00.000	1471-7									
21.2	ORS	00000	05.74	33.220	26.20		1471 - 7									
	STO	00010	04.45	33-18	25.32	00.018	1466.5									
	795	00010	04.45	33.183	26.32		1466.5									
	395 519	00017	01.88	33-090	26-30		1464.1									
	085	00020	03.94 03.94	33.20 33.205	26.39 26.39	00.035	1464.5 1464.5									
	085	00023	04.10	33.350	26.49		1465.4									
	STD	00030	04.54	33.55	25.60	00.050	1467 - 1									
	DRS	00049	05-16	33.670	26.63		1470.6									
	(18.5	00044	04.54	33.660	26.69		1468.0									
	510	00050	05-00	33.90	24.83	00.077	1470.4									
	nas	00050	05.00	33.900	26.83		1470-4									
	510 185	00075 00075	00.75 00.75	33.70 33.700	27.04 27.04	00.105	1452 -1									
	510	00100	05.40	34-20	27-02	00.131	1452.1									
	oes	001 00	05.40	34.200	27.02	00.17.	1473.2									
	STD	20125	05.57	34.22	27.01	00-158	1474.4									
	510	00150	05.75	34.25	27.01	00.185	1475.5									
	J85	00150	05.75	34.250	27.01		1475.5									
	012	00200	03-37	34.00	27.0B	00.237	1466 • 1									
	085	00200	03-37	34.000	27.08		1466 .1									
	JAS 510	00275	00-40 01.08	33.900 33.88	27.14 27.16	00 305	1453.2									
	DRS	00250	01.08	33.880	27.16	00.285	1456.8									
	OBS	00255	01.50	33.900	27.15		1458.7									
	195	00258	01.23	34-040	27-28		1457.8									
	18.5	00260	01.50	34.040	27.26		1457.0									
	OB S	00268	01.18	34.050	27.29		1457.7									
	185	00293	04.94	34.500	27.31		1474.9									
	STD DBS	00100	05.00 05.00	34.58 34.60 P	27.36 27.380	00.327	1475.4									
	385	00309	05.24	34.580	27.34 *		1476.5									
	085	00325	03.27	34.420	27.42		1468.3									
	กลร	00341	02.90	34.400	27.44		1467.0									
	08 S	00350	02.85	34.380	27.43		1466.9									
	510	00400	03.12	34.52	27.51	00.396	1469.1									
	282	00400	03.12	34.520	27.51		1469.1									
	OBS	00430	03.45	34.700 34.860	27.62		1471 -2									
	\$10	0046 <i>2</i> 00500	04.76 04.38	34.83	27•61 27•63	00.452	1477.4									
	าสรั	00500	04.38	34.830	27.63	00.432	1476.5									
	085	005 25	04.15	34.820	27.65		1475.9									
	STO	00600	04.18	34.85	27.67	00.502	1477 - 3									
	285	00500	04-18	34.855	27.67		1477.3									
	510	00700	04-10	34.88	27.71	00.550	1479.7									
	182	00700	04-10	34.885	27.71		147R . 7									
	STD DBS	00800	04.08 04.09	34.90 34.905	21.72 27.72	00.597	1480.3									
	STO	00900	04.17	34.95	27.75	00.642	1482.4									
	085	00940	04.21	34. 455	27.75	30.0.72	1483.2									
	OBS.	00980	04.08	34.945	27.76		1483.3									
	STO	01000	04.08	34.94	27-76	00.686	1483.7									
	08.5	01000	04.09	34.945	27-76		1483.7									
	785	01040	04.15	34.960	27.76	00 700	1484.6									
	510	01107	04.15	34.96	27,76	00.732	1485.7									
	185	01100	04.15	34.965	27.76		1485-7									

REFIO 31 B296 CONSEC 0079 LAT 42 52 N LONG 050 21 M	HONT	1972 H 05 09 1 22+1	8010 <sup>P</sup> 00395 SHIP EV OATH USE I AREA 05				GT PER 2 2	WINO-DIR WINO-SPO WINO-FIR WEATHER	1,	TR AC E		07.1	5 2	N SO P RAUCZ POAUCZ RAUCZ	F 20
CASTNUM/TIME	LAFLAb	ОЕРТН	TEMP	SAL	S13MA-T	OYNOPTH	SNO VEL	JXY G	0 )4	* 01 P	402	403	(1)3	рн	
	sto	00000	02.37	32.84	26.24	00.000	1456.9								
22.1	085	00000	02.37	32-840	26.24		1456.9								
	OBS	00007	01.60	32.905	26 • 35		1453.7								
	570	00010	01.31	32.90	26.36	00.017	1452.5								
	510	00020	00.68	32.99	26.39	00.034	1449.8								
	085	00020	00.68	32.890	26.39		1449.8								
	510	00030	00.55	32.86	26.38	00.050	1449.3								
	nas	00030	00.55	32.865	26.38		1449 - 3								
	0BS	00037	- 0 • 20	32.880	26.43		1446.0								
	510	00050	- 0.76	32.95	26.51	00.082	1443.8								
	280	00050	- 0.76	32.950	26.51		1443.8								
	510	00075	- 1.08	33.01	26.57	00.120	1442.8								
	OB S	00075	- 1.08	33-010	26.57		1442.8								
	OB S	00090	- 1.10	33.050	76.60		1443.0								
	OBS	00093	- 0.93	33.090	26 • 6 3		1443.9								
	510	00100	- 1.01	33.08	26.62	00.156	1443.6								
	OBS	00100	- 1.01	33.080	26.62		1443.6								
	510	00125	03.51	33.61	26.76	00.190	1464.9								
	085	00129	03.66	33.640	26.76		1465.7								
	510	00150	01 - 89	33.50	26.80	00.222	1458.2								
	085	00150	01.89	33.500	26.80		1458.2								
	085	00162	00.93	33.580	26.93		1454.2								
	nes .	00167	01.21	33.585	26.92		1455.6								
	085	00187	- 0.63	33-470	26.92		1447.3								
	085	00199	- 0.67	33.580	27.01		1447.5								
	510	00200	- 0.65	33-60	27.03	00.280	1447.6								
	085	00200	- 0.65	33.600	27.03		1447.6								
	ცგვ	00215	- 0.48	33.665	27.07		1448.8								
	OBS	00226	00.57	33.918	27.22		1454 - 1								
	510	00250	00-47	33.88	27.20	00.327	1454.0								
	085	00250	00.47	33.885	27.20		1454.0								
	9BS	00276	01-10	34-020	27.27		1457.5								
	085	0 02 95	01.64	34.085	27.29		1460.3								
	510	00300	01-64	34-12	27.32	00.369	1460.4								
	OBS	00300	01-64	34-120	27.32		1460.4								
	OBS	00310	01.70	34-140	27.33		1460.9								
	OBS	00327	01.71	34.210	27.38		1461.3								
	OBS	00339	01.90	34.200	27.36		1462.3								
	σBS	00345	01.85	34.200	27.36		1462.2								

	8296 0040 03 N Id H	HDNT	1972 H 05 10 00.5	BOTOP COUST SHIP EV CATA USF 1 AREA 05	WET SAPO		26		ALNO-JIR ALNO-ZONI ALNO-ZONI ALNO-ZONI BALIBA	1 7	TRACE		00.1	5 2	N SO 1 SQUARE SQUARE SQUARE	1 20
CASTNU*/	t i we	LVLTYP	OFPIH	1646	SAL	\$16#4+T	OYNOPTH	SNO VEL	OXYG	P )4	TOT P	NO?	NO3	5133	P4	
		stn	09000	02.91	32. →2	26.26	00.000	1459.4								
	0/1.5	145	00000	02.91	32,920	25.26		1459.4								
		185	000004	02.85	32,420	26.26		1459.2								
		S <b>T</b> D	00010	02.40	32.90	25.28	810.00	1457.3								
		3 <b>8</b> S	00010	02.40	32,900	25.28		1457.3								
		510	00020	01.35	32.86	26.33	00.035	1452 • 8								
		510	0.0030	00+60	32.43	26.35	00.052	1449.5								
		185	00030	00.60	32.830	26.35		1449.5								
		195	00037	00.25	32.920	26.44		1449.7								
		78 S	00045	- 0.40	32.750	25.49		1445.3								
		513	00050	- 0.52	32.96	26+51	00-084	1444.9								
		185	00050	- 0.52	32.945	24.51		1444.9								
		ЭнS	00054	- 0.67	32.970	26.52		1444-3								
		785	00059	- 0.67	33.200	26.54		1444.4								
		2.80	00064	- 0.84	33.010	26.56		1443.7								
		5 T D	000.75	- O.A6	33-73	26.57	00.121	1443.8								
		785	00075	- O.AK	33.030	26.57		1443.8								
		(18.5	00077	- 0.86	33.030	26.57		1443.8								

Table XHL—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 CONSEC JORI LAT 43 14 N LONG JSD 18 H	YEAR MUNTH OAY HOUR	05 13	BUTTP 0006B SHIP EV OATA USE L AREA OS	AIR TE HET BL BAROME CLOUD	JLR 03.3 FTP L022.4	DIR HO 26 2 SEA CL/TR		AINU-DIA WINO-SPO WINO-FOR RAHTABA	11	TRACE		00.1	5 2	N SQ 13 SQUARE SQUARE SQUARE	20
CASTNUM/TIME (	LVLTYP	0FPTH	T F MP	SAL	SIGMA-T	DYNOPTH	SND VEL	3×4 G	P34	101 P	NU?	ND3	5133	Pi	
21.9	STO	00000	04.21 04.21	32.90 32.900	26 • 1 2 25 • 1 2	00.000	1464.9								
71.	OBS STO	00004	04.22 03.15	32.910	26.13 25.14	00-019	1460.4								
	085 510	00020	03.15 - 0.27	32.800 32.90	25.14 25.17	00.037	1460.4								
	085 085	00059	- 0-27 - 0-17	32.800	26.37 26.53	00.053	[445.3 [446.2 [446.3								
	STO ORS ORS	00033 00033 00035	- 0.15 - 0.15 - 0.14	33.01 33.010 33-020	26.53 26.53 26.54	170.033	1446.3								
	OBS STU	00036	- 0.10	33.020 33.03	26.54 26.54	00.383	1446.7								
	78 S 0 R S	00054	- 0.08 - 0.07	33.030 33.030	26.54 26.54		1447.0								
					*****	* * * * * * * * * * * * * * * * * * * *	•								
REFID 31 8296 CUNSEC 0082	YE AP MONTH		6010P 00071	Ale T WET B		01R H	ST PER	#140-018		INST TPACE	STO REC	R 30 9⊓ C		1 52 L3 394LG	
EAT 43 20 N LONG 049 47 W	DAY HOUR	10	DATA USE 1 AREA 05		FTA 1021.3	SEA CL/TR	,	#IND-FOR #EATHFR		DURAT		00.1	2	SQUARE	28
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	S EGMA-T	DYNOPTH	SNO VEL	∃XY G	P34	101 P	NOZ	NO3	\$133	ρΗ	
04.3	5 T D 0 8 S	00000	01.36 01.36	32.88 32.885	26.35 26.35	00.000	1452 • 5 1452 • 5								
	5 T D 18 S	00010	00.41	32.84 32.840	26.37 26.37	00.017	1449.3								
	785	00020	- 0.46 - 0.46	32.95 32.950	26.49	00.033	1444.7								
	510 085 085	00030 00030 00045	- 0.50 - 0.50 - 0.79	12.94 32.945 32.990	26.49 26.49 26.54	00.048	1444.6 1444.6 1443.6								
		00050	- 0.81 - 0.91	32.99 32.990	26.54 26.54	00.079	1443.6								
	DRS	00059	- 3.82	32-990	26+54	•••••	1443.7								
PEFTO 31 8296 CONSEC 0083 LAT 43 12 N LING 049 41 W	DAY	1972 9 05 10 15.2	ROTOP 00199 SHIP FV DATA USE 1 AREA 05	MET 6 HAPOM	BULA 02.2 METR 1021.3	09	GT PER O X	#140-01# #140-590 #140-579 #644H6#	12	TRAC	STD REC E DIA TION TIP 110	00.1	5 2	N SQ 13 SQUARF SQUARE SQUARE	2 28
CASTNUM/TIME	LVLTYP	DEP†H	TEMP	SAL	SIGMA-T	DYNDPTH	SND VEL	DXYG	P34	TOT P	vn2	N03	\$133	ρЧ	
05.2	5TD UBS	00000	01.22	32.78	26.27	00.000	1451.8								
07.2	STO	00010	01.22 00.26 00.26	32.780 32.87 32.870	26.27 26.40 26.40	00.017	1447.7								
	STD	00020	- 0.14 - 0.14	32.96 32.960	26.41 26.41	00.033	1446.0								
	510 085	00031 00030	- 0.44 - 0.44	32.85 32.950	26 - 4 l 26 - 4 l	00.050	1444 - 9								
	STD	00045	- 0.97 - 1.07	32.910 33.01	26.48 26.57	00.081	1442.6								
	385 ()85   \$1n	00050	- 1.07 - 1.11 - 1.0)	33.010	26.63	00.116	1442.4 1442.4 1442.9								
	)85 085	00075	- 1.09	33.13 33.125 33.130	26.66 26.66 26.66	00.116	1442.9								
	)85 085	00094	- 1.09 - 1.10	33.155	26.68		1443.1								
	ST1 185	00100	- 1.06 - 1.06	33.230	26.74 26.74	00.150	1443.6								
	240 342	00116	- 1.04 - 0.96	33.270 33.32	26.77 26.81	00.182	1444.0 1444.6								
	⊕8.5 ⊕8.5	00125	- 0.96 - 0.87	33.320	26.91 26.91	00.313	1444.6								
		00150	- 0.82	33.45	26.91	00.212	1445.8								
	280	00150	- 0.82	31-450	26.91		1445.8								
			- 0.82 - 0.79 - 0.78 - 0.74	31.450 33.460 33.470 33.515	26.91 26.92 26.93 26.96		1445.8 1446.1 1446.2 1446.5								

Table XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296.— Continued

#EFEN 31 9296 CONSEC 0084 LAT 43 CZ N EONG 049 36 M	AV()	1972 h 05 13 96.2	HOTHO GOS 22 SHIP EV DATA USE I APFA OS				GT PER O 2	#140-018 #140-590 #140-598 #E&THFR	٧,	TPAC	STO RES FOIR TION TIP 110	00.3	5 2	5004RF 5004RF 5304RE 5304RE	2 28
CASTNUM/TIME	Lyttyp	ПЕРТН	TFMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	JXYG.	P ) 4	TOT P	NO2	١03	\$133	ρΗ	
	STD	annaa	01.25	32.69	26.20	00.000	1451 - 8								
36.2	18.5	00000	01.25	32.490	25.20		1451.9								
	OBS	00005	00.36	32.785	26.32		1447.9								
	510	00010	00.21	32.83	26.37	00.017	1447.4								
	UAS	00010	00.21	32.930	26 - 37		1447.4								
	DAS	00012	20.36	32.940	24.3R		1446.8								
	OAS	00015	00.01	32.855	26.40		1446.6								
	510	00020	- 0.39	32.8A	25.43	00.034	1444 • 9								
	ST∩ BBS	00039	- 1.09 - 1.09	32.91 32.915	26.49 26.49	00.050	1441.9								
	045	00044	- 1.31	32.940	26.52		1441.1								
	STO	00050	- 1.37	33.06	26.61	00.079	1441.0								
	TRS	10050	- 1.37	33.060	26.61	00.01	1441.0								
	185	00053	- 1.39	33.095	26.64		1441.1								
	UAS	00055	- 1.37	33.135	26.68		1441.2								
	THIS	00000	- 1.38	33.145	25.68		1441.3								
	51.1	00075	- 1.07	33.31	26.81	00.113	1443.2								
	ORS	00075	- 1.07	33.310	25.81		1443.2								
	114.5	00045	- 0.97	33.375	26.86		1443.9								
	SID	001.00	- 0.93	31.39	26.87	00-143									
	185	00100	- 0.93	33.395	26.87	00 171	1444.4								
	STO OBS	00125	- 0.87 - 0.97	33.43 33.430	26.90 26.90	00.172	1445 • 1 1445 • 1								
	SID	00150	- 0.83	33.44	26.91	00.201	1445.8								
	088	00150	- 0.83	33.445	25.91	00.20.	1445.8								
	085	20160	- 0.74	33.470	25.93		1446.4								
	DRS	00130	- 0.74	33.510	26.96		1446.8								
	STO	00200	- 0.66	33.56	27.00	00.257	1447.5								
	281	00200	- 0.66	33.560	27.00		1447.5								
	E-9-5	00225	- 0.53	33.645	27.06		144R.7								
	7 N S	00234	- 0.53	33.675	27.08		1448.9								
	517	00250	- 0.29	33.80	27.17	00.306	1453.4								
	745 185	00250 00257	- 0.29 - 0.15	33-800 33-820	27.17 27.18		1450.4								
	085	00270	00.51	33.935	21.24		1454.6								
	095	00289	00.98	34-100	27.35		1456.8								
	18.5	002 95	01.21	34.100	27.33		1458.4								
	STO	00300	01.26	34.12	27.34	00-347	1458.7								
	785	00300	01.26	34.120	27.34		1458.7								
	ነጻና	00335	01.33	34.125	27.34		1459.6								
	nas	00355	01.63	34.225	27.40		1461 • 4								
	785	00185	03.38	34.485	27.46		1469.9								
	JRS	00195	02.57	34.425	21.49		1466.5								
	510	004 00	02.58	34.43	27.49	00.415	1466.6								
	ግ <b>ካ</b> S በ8 S	00400 00425	02.58 02.75	34.430 34.490	27.49 27.52		1467.9								
	510	00500	03.88	34.74	27.62	00.473									
	085	00500	03.89	34.745	27.62	30.4.3	1474.7								
	785	00510	03.95	34.780	27.64		1474.8								
	ORS	00520	03.87	34.770	27.64		1474.6								
	085	00550	04.01	34.905	27.65		1475.7								
	510	00600	04.08	34.83	21.66	00.524	1476.9								
	n85	00600	04.08	34.930	27.66		1476.9								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 8296 CONSEC 0085 LAT 42 52 N LONG 049 32 N	TOOT	1972 H 05 10 08.2	ROYOP 01756 SHIP EV OATA USE 1 AREA 05	ALP T HAROS CLOUP	3ULB 03.9 4ETR 1020.0	DIR HI 26 Sea CL/TR	ST PER 2 2	AIND+DIR WIND-SPD AINO-FIR WEATHER		TR AC	STO E OTE TION TTP	•	03 • 3	5 2	L CS P SRAUCS SRAUCS SRAUCS	28
CASTNU4/TIME	LVLTYP	ОЕРТН	TEMP	5AL	5 IGMA -T	DANDLIH	SND VEL	) X Y G	P14	TOT P	ν.	)2	NO3	5113	P 4	
	510	00000	01.04	32.85	26.34	00.000	1451.0									
08.2	085	00000	01.04	32 • 850	26.34		1451.0									
	STO	00010	00.10	32.R5	26.39	00.017	1446.9									
	085	00010	u0.10	32.850	26.39		1446+9									
	STO	00020	- 0.64	32.94	26-41	00.033	1443.7									
	08S STO	000 20 000 30	- 0.64 - 0.76	32.840 32.98	26.41 26.53	00.049	1443.7									
	085	00030	- 0.76	32.785	26.53	03.047	1443.5									
	nBs	000 17	- 0.96	33.100	26.63		1442.8									
	085	00040	- 0.38	33.190	75.69		1445 - 7									
	STO	00050	- 0.90	33.14	26.66 *	00.078	1443 - 4									
	CBS	00050	- 0.90	33-140	26.66		1443.4									
	085	00055	- 1.07	33.150	26.68		1442.7									
	08S 08S	00060 00065	- 0.90 - 1.09	33.235	26.70 26.75		1442.9									
	510	00003	- 0.96	33.29	26.79	00.111	1443.7									
	085	00075	- 0.96	33.290	26.79	00.111	1443.7									
	085	00080	- 0.94	33,330	26.82		1443.9									
	085	00090	- 0.96	33.370	26.95		1444.1									
	STO	001 00	- 0.89	33.42	26.89	00 - 1 4 1	1444-6									
	085	00100	- 0.89	33,425	26.89	00 140	1444.6									
	S10 085	00125 00125	- 0.61 - 0.61	33.59 33.590	27.02	00.169	1446.6									
	085	00125	- 0.58	33.595	27.02		1446.9									
	\$10	00150	- 0.63	33-62	27.04	00.194	1446.9									
	DBS	00150	- 0.63	33.620	27.04		1446.9									
	085	00181	- 0.22	33.730	27.11		1449.5									
	510	00200	- 0.06	33.83	27-19	00.242										
	085	00200	- 0.06	33,835	27.19		1450.7									
	085 085	0022 <i>1</i> 00240	00.85 01.72	34.090 34.230	27.35 27.40		1459.9									
	STO	00250	01.75	34.23	27.40	00-282	1460.2									
	085	00250	01.75	34.230	27.40		1460+2									
	085	00260	01.76	34.250	27.41		1460.5									
	085	00280	02-51	34.410	27.48		1464.3									
	57 D 08 S	00300 00300	02.75	34.45	27.49	00.315	1465.7									
	085	00330	02-75 03-49	34.455 34.630	27.49 27.57		1469.6									
	085	00340	03-66	34 - 750	27.64		1470.7									
	085	00354	03.68	34.740	27.63		1471.0									
	085	00390	04.33	34.820	27.63		1474.4									
	510	00400	04.32	34.79	27-61	00.372	1474.5									
	085	004 00	04.32	34.795	27.61		1474.5									
	OBS STD	004 30 005 00	04.03 04.16	34.785 34.84	27.63 27.66	00-423	1473.8									
	085	00500	04.16	34.840	27.66	004423	1475.6									
	STO	00600	04.23	34.88	27.69	00.471	1477 -6									
	280	00600	04-23	34.880	27.69		1477.6									
	510	00700	04-20	34.89	27.70	00.518	1479.1									
	085	00700	04.20	34.895	27.70	00 545	1479-1									
	STO	00800	04.13	34.90 34.905	21.12 21.12	00.565	1480.5									
	08 S 08 S	00800 00850	04.13 04.11	34.910	27.72		1481.2									
	ne \$	00860	04.15	34.920	27.73		1481.6									
	STO	00900	04.15	34.92	27.73	00.612	1482.3									
	280	00900	04.15	34.925	27.73		1482 - 3									
	\$10	01000	04.15	34.93	27.74	00.658	1483.9									
	085	01000	04-15	34.930	21.74		1483.9									

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFED 31 8296 CONSEC 9086 LAT 42-35 N LONG 049-28 H	MONT	1972 1 ns 10 10.8	AGTOP 02487 SHIP EV DATA USE L AREA 05				GT P⊆R 2 3	#140-01R #140-5PD #140-53R #E&THFQ	15	TR A	T STO REC CE OIR ATTON G IIP IIC	00.3	5 2	N SQ 1306 SQUARE 28 SQUARE 28 SQUARE 29
CASTNUM/TIME	LVLTYP	HT430	TEMP	SAL	SIGMA-T	DANULLH	SNO VEL	OX 7 G	P)4	1 D 1	P 402	NQ3	5133	рН
	STO	00000	01.51		26.30	00.000	1453.1							
13.8	nBs	00000	01.51	32.43 32.835	26.30	00+000	1453.1							
13.7	STD	00010	00.68	33.05	25.52	00.016	1449-9							
	985	00010	84.00	13.050	26.52		1449.9							
	üBS	00015	01-34	33.390	26.75		1453.4							
	510	00020	01.67	33.49	26.51	00.033	1455 - 1							
	510	00030	02.26	33.65	25.89	00.042	1458.0							
	98S	00030	02.26	33.650	26.99		1458.0							
	OBS.	96,000	02.66	33.740	26.93		1460.0							
	1195	00040	02.70	33.755	26.94		1460.3							
	510	00050	03.31	33.AA	26.98	00.065	1463.2							
	29.5 (18.5	00050	03.31	33.675	25.9B 26.99		1450.9							
	STD	00065 00075	00.53	33.69	27.01	00.092	1453.7							
	ŋB S	00075	01.11	33.690	27.01	*****	1453.7							
	าคร	00087	00.62	33.715	27.06		1451 -8							
	OBS	00091	00-76	33.730	21.06		1452.5							
	510	00100	00.21	33.71	27.09	00-117	1450+2							
	085	00100	00-23	33-730	27.09		1450.2							
	nas	00106	00.20	33.785	27.14		1450.3							
	UBS	00123	01.26	33.970	27.22		1455.5							
	510	00125	01.16	33.98	21-24	00.140	1455.2							
	OBS	00125	01.16	33.980	27-24	00 141	1461.8							
	510 385	00150	02.51 02.51	34.13 34.130	27.26 27.26	00.161	1461.8							
	085	00160	01.50	34.135	27.34		1457.5							
	OBS	00175	03.46	34.450	21.42		1466 - 7							
	995	00192	03.53	34.445	27.41		1467.3							
	STD	00200	03-36	34.44	27.43	00.199	1466.7							
	16.5	00200	03.36	34.440	27.43		1466.7							
	280	00215	02.33	34.320	27.42		1462.3							
	7B 5	00242	04.35	34.668	27.51		1471.9							
	STO	00250	04.12	34.61	27.49	00.231	1471.0							
	OBS	00250	04-12	34-615	27.49		1471.0							
	ORS	00272	03.34	34.490 34.91	27.47	00-260	1467.8							
	SED DBS	00300	05.02 05.02	34.915	27.63 27.63	00.260	1475.9							
	085	00372	04.81	34.890	27.63		1476.2							
	185	00395	04.85	34.930	27.66		1476.8							
	510	00407	04.69	34.90	27.65	00.310	1476 - 2							
	085	00400	04-69	34.999	21.65		1476.2							
	385	00425	04.53	34.895	27.67		1475.9							
	39.5	00475	04.47	34 • 895	27.67		1476.5							
	STO	00500	04.25	34.86	27.67	00.359	1476.0							
	185	00500	04.25	34.865	27.67		1476.0							
	ITR S	00516	04.13	34.870	27•69 27•71		1475.7							
	085 \$10	00554 006 <b>0</b> 0	04-13 04-23	34.890 34.91	27.71	00.405	1477.6							
	OBS	00900	04.23	34.910	27.71	*******	1477.6							
	n As	00635	04.09	34.900	21.72		1477.6							
	Sto	00700	04.05	34.90	27.73	00.450	1478.5							
	185	00700	04-05	34.905	27.73		1478.5							
	510	00800	04-04	34.91	27.73	00.495	1480.1							
	18.5	00900	04.04	34.913	27.73		1480.1							
	) R S	00825	04.08	34.937	21.75		1480.7							
	510	00900	04-02	34 - 92	27.74	00.540	1481.7							
	785	00900	04.02	34.923	21.74	00.585	1481.7							
	510	01000	04-02	34.93 34.934	21•75 27•75	00.787	1483.4							
	085 085	01000	04.02 04.00	34.938	21.16		1484.2							
	יחט	01052	C00	37. 710	21.10		140445							

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296,—Continued

REFLO 31 3246 CUNSEC 3087 LAT 42 26 N LING 047 25 W	MGVI. Day	1972 1 05 10 13.2	BOTOP 03017 SHIR EV OATA USE 1 AREA 05			018 H 17 SFA CL/TR	_	#[47-5] # WIMD-520 WIMO-FIR #EATHER	13	TRACE		00.2	5 2	EN SO 1: SOUARE SOUARE SOUARE	29
CASTNUM/TIME	LVLTYP	DERTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P ) 4	101 P	N72	103	5133	ρН	
	510	00000	01.34	32.45	20.32	00.000	1452.4								
13.2	าสร	00000	01.34	32.850	26.32	00000	1452 +4								
	510	00017	00.07	32.43	26.38	00.017	1446.9								
	98.5	00010	00.07	32.830	26.38		1446 • 8								
	510	20020	- 0.66	33.01	26.55	00.033	1443.8								
	28.5	00020	- 0.66	33.010	26.55		1443.8								
	STO	00030	- 0.85	33.24	26.74	00.047	1443.4								
	785	00030	- 0.85	33-240	26.74		1443.4								
	STD	00050	- 0.98	33.34	26.83	00.072	1443.3								
	785	00050	- 0.98	33.345	26.83		1443.3								
	510	00075	01.76	33.55	26.65	00.102	1456.4								
	285	00075	01.76	31.550	26.85		1456 -4								
	510	001 00	01.68	33.63	27.08	00-130	1456.9								
	OBS	00100	01.68	33.830	27.08		1456.9								
	J85	00112	- 0 • 05	33.730	27.11		1449.1								
	510	00125	00.26	33.83	27.17	07.154	1450 - 9								
	085 510	00125	00-26	33.830	27.17	00 176	1450.9								
	185	00150 00150	00.83 08.00	33.97	27.25	00.175	1454.0								
	510	00200	03.65	33.970	27.25	00.214	1454.0								
	085	00221	04.29	34.42	21.38 21.44	017.214	1467.9								
	085	00240	04.59	34.710	27.51		1472.9								
	STn	00250	04.27	34.65	27.51	00.247	1471.6								
	J85	00250	04.27	34.655	27.51	00.241	1471.6								
	510	00300	05.17	34.85	27.56	00.277									
	085	00300	05.17	34.855	27.56		1476.5								
	085	00319	04.74	34.880	27.61		1475.9								
	085	00350	05.37	34.980	27.64		1478.3								
	510	00400	05-18	34.92	27.62	00.332	1478.2								
	085	90400	05.19	34.925	27.62		1478 -2								
	095	00410	04.90	34.945	21.66		1477.3								
	085	00432	05.14	34-965	27.65		1478.7								
	1185	00470	05.07	34.975	27.67		1479.0								
	510	005 00	04.65	34.93	27.69	00.383									
	ეგ5 ეგ <b>5</b>	00507	04.65	34.935	27.69		1477.7								
	085	00520 0055n	04.85	34.960	27.68		1478.9								
	510	00600	04.51 04.39	34.928 34.92	27.70 27.71	00.429	1478.0								
	385	00600	04.39	34.925	27.71	00.424	1478.3								
	510	00700	04.38	34.92	27.71	00.476									
	185	00700	04.38	34.925	27.71	00.478	1479.9								
	510	CORDO	04-19	34 - 74	27.74	00.522	4 80 A								
	280	00800	04.19	34.940	27.74		1480.8								
	STO	00900	04.08	34.94	27.75	00.566	1482.0								
	≏85	00900	04.08	34.940	27.75		1482.7								
	510	01000	04.01	34.94	27.76	00-611									
	085	01000	04.01	34.940	27.76	-	1483-4								
	085	01030	03.94	34.935	27.76		1483.6								
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296. Continued

REFIO 31 929 CONSEC 00R LAT 41 57 LONG 049 12	B M()NT N 04Y	1972 H 05 L0 17•0	BOTOP 03237 SHIP EV DATA USE L AREA 05			t 7	ST PER L X	ALVO-OLR WLVD-SPO WLVO-FJR WEATHER		TP 4C OURA	E DIR	COMOER D 07.3	5	1 C2 N SAPUGS SAAUGS SAAUGS	09
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	)XYG	P)4	TOT P	SON	101	5133	P4	
	519	00000	04-14	33-17	25.34	00.000	1465.0								
17.0		00000	04.14	33.170	26.34		1465.0								
	510	00010	04.17	31.38	26.50	00.016	1465.6								
	510	00020	04.25	33.56	26.64	00.031	1466.3								
	085	00020	04.25	33,560	76.64		1466.3								
	OAS_	00027	04.33	33.670	26.72		1466.9								
	510	00030	04.26	33.65	26.71	00.045	1466.6								
	085	000 30	04.26	33.650	26.71		1466 .6								
	∩85 <b>5⊺∩</b>	00040	03.91	33.690 33.67	26.78 26.79	00.071	1465.4								
		00050 00050	03.69 03.69	33.675	26.79	00.011	1464-6								
	085 085	00058	03.65	33.745	26.85		1464.6								
	DRS	00072	03.84	33 - HQ5	26.87		1465.8								
	510	00075	03.65	33.79	26.88	00.102	1465.0								
	085	00075	03.65	33.790	26.88		1465.0								
	085	00085	04.05	33.895	26.92		1467.0								
	510	00100	02.77	33.98	27.11	00.129	1461.9								
	08.5	00100	02.77	33.980	27.11		1461.9								
	785	00109	02.66	34.060	27.19		1461.7								
	510	00125	03.94	34.31	27.27	00.151	1467.7								
	08.5	00125	03.94	34.310	27.27		1467.7								
	785	00145	03-78	34 • 330	27.30		1467.4								
	510	00150	03.A5	34.34	27.30	00.171									
	385	00150	03.85	34.340	27.30		1467.A 1469.5								
	085	00160	04.16	34.475	27.37		1470.7								
	085 985	00172	04.41 05.17	34.730	27.36 27.46		1474.5								
	SYD	00200	05.22	34.75	27.48	00.207	1474.9								
	nAs	00200	05.22	34.755	27.48	*****	1474.9								
	085	00230	05.36	34.755	27.46		1475 - 9								
	510	00250	05 - 31	34.78	27.49	00.239	1476.1								
	n es	00250	05.31	34.780	27.49		1476.1								
	08.5	00280	04.1R	34.710	27.56		1471.8								
	510	00300	04-14	34.69	27.55	00.269	1472.0								
	DBS	00300	04.14	34.695	27.55		1472.0								
	085	00339	03.60	34.685	27.60		1470.3								
	STO	00400	03.9A	34.77	27.63	00 - 32 4	1473.1								
	-)85	00400	03.98	34.770	27.63	00 174	1473.1								
	570 085	00500 00500	04.36 04.36	34.88 34.875	27.67 27.67	00.374	1476.4								
	085	00528	04.71	34.945	27.69		1478.4								
	510	00400	04.57	34.93	27.69	00.422	1479.0								
	ORS	006 00	04-57	34.935	27.69	00.422	1479.0								
	510	00700	04.30	34.92	27.71	00.469	1479.6								
	085	00700	04.30	34.920	27.71		1479.6								
	510	00800	04.27	34.93	27.72	00.515	1481.1								
	08.5	00800	04.27	34.930	27.72		1481.1								
	085	00820	04.20	34.928	27.73		1481.1								
	085	00882	04.27	34.955	27.74		1482.5								
	510	00900	04.08	34.92	27.74	00.561	1482.0								
	085	00900	04.08	34.920	27.74	00 .0-	1482 • 0								
	510	01000	04.04	34.93	27.75	00.607	1483.5								
	085	01000	04.04	34.931	27.75		1483.5								
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

	H296 0089 27 N	MONT	10	BOTOP 03456 SHIP FV OATA USE 1		BULA 14.4 METR 0997.8	12 Se a	GT PER L 2	#14D-018 #14D-52D #14D-53D	15	TRACE DURAT		00 • 5	5 2	N SO 1 SOUARE SOUARE SAUGE	2 08
LONG 048	49 #	40118	23.0	AREA 05	CLOU	) 1/4	CL/TR				<b>U</b> n 10			•	3404.72	••
CASTNUM/	TEME	LVLTYP	0£P1H	TEMP	SAL	SIGMA-T	OANDSIH	SND VEL	) XY G	P34	101 P	NQ2	NO3	\$133	24	
		510	00000	10.64	35.72	25.86	00.000	1491.1								
	23.0	OBS	00000	10.64	33.720	25.86		1491.1								
		STD	00010	12.58	34.75	26.30	00.019	1499.3								
		785	00010	12.58	34.750	26+30		1499.3								
		STD	00020	12.56	34.89	26.41	00.036	1499.6								
		085	00020	12.56	34.890	26.41		1499.6								
		STO	00030	11.06	34.89	26.70	00.051	1494+5								
		ብዱና_	00030	11.06	34.890	26.70	00.078	1494.9								
		510	00050	11-07	34.90	26.70 26.73	00.112	1495 - 4								
		510	00015	11.07	34.93 34.99	26.77	00-145	1495.9								
		510	00100	11.08 11.08	34.990	26.77	00.1	1495.9								
		785 510	00125	11.18	35.11	26.84	00.177	1496.8								
		510	00123	11.29	35-19	26.89		1497.7								
		085	00150	11.29	35.190	26.89		1497.7								
		285	00173	10.68	35.240	27.04		1496.0								
		STO	00200	11.00	35.34	27.06	00.265	1497.7								
		กลร	00200	11.00	35.340	27.06		1497.7								
		510	00250	09.36	35.08	27.14	00.316	1492-2								
		OBS	00259	09.36	35.780	27.14		1492.2								
		CBS	09275	08.76	35.010	27.18		1490 - 3								
		510	00300	08.57	35.03	27.23	00.363	1490.0								
		085	00300	08-57	35.028	27.23		1490.0								
		085	00305	08.38	35.030	21.26		1489.4								
		08.5	00312	08.70	35.090	27.26		1486.3								
		URS	00330	07.51	34.900	27.29 21.38	00.447									
		615	004 00	06.49	34.84 34.840	27.38	00.441	1483.4								
		085	00400	06.49 06.68	34.950	27.44		1484.6								
		OBS OBS	00421 00455	05.87	34.840	27.46		1481.8								
		085	00433	03.30	34.489	27.47		1471.2								
		510	00500	03.75	34.56	27.49	00.517	1473.5								
		085	00500	03.75	34.565	21.49		1473.5								
		085	00511	04.53	34.790	27.58		1477-2								
		085	00514	04 - 23	34.740	27.5A		1475.9								
		0.85	00560	05.53	34.945	27.59		1482.3								
		510	00600	05.16	34.93	27.62	00.577	1481.5								
		085	00600	05.16	34.930	27.62		1481.5								
		085	0 06 32	05.26	34.972	27.64		1482.5								
		780	00660	05.25	34.980	27.65		1482.9								
		510	00700	05.14	34.08	27.67	00-631	1483 - 1								
		<b>് 8</b> 9	00700	05.14	34.984	27.67	00 401	1483.1								
		510	00800	04.71	34.97	27.71 27.71	00.681	1483.0 1483.0								
		085	00900	04-71	34.975			1483.0								
		ORS	00415	04.66	34.980 34.982	21.12 21.12		1484 - 2								
		085	00485	04.65 04.58	34.99	27.74	00.729									
		\$10	00900	04.58	34.990	27.74		1484 - 1								
		085 510	01000	04.39	34.98	27.75	00.775									
		U85	01000	04.39	34.985	27.75		1485.0								
		003	01000	04.31	,,55											

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REFID 31 829 CONSEC 009 LAT 41 02 LING 248 30	0 MONT	1972 4 - 05 - 11 - 02+0	BOT <sup>D</sup> P 02784 SHEP EV DATA USE L AREA 05				GT PER	MIND-OIR WIND-SPO WIND-FIR WEATHER		TR AC OUP A	STO REC E DIR TION TIP LIC	00.5	5 2	N SO L SOUARE SOUARE SPANCS	08
CASTNUM/TEME	( <b>V</b> [ ] <b>Y</b> p	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	JXYG	P 14	TOT P	405	403	\$133	P 4	
	510	00000	18.17	36.34	26.27	00.000	1519.6								
02 - 0	185	00000	18.17	36, 140	25.27		1518.6								
	STD	00010	18.18	36.15	26.28	00 • 0 1 R	1519.9								
	285	00010	10.18	36.350	25.28		1518.9								
	510	00020	18.11	36.31	26,26	00.035									
	OB 5	00050	18.11	36.310	26.26		1518 - 7								
	STD	000 10	17-61	36.34	26.41	00.052	1517.5								
	085	000 30	17.61	36.340	26-41		1517-5								
	1185	00032	17.58 17.59	36-370 36-370	26.44 26.44		1517.4								
	510	00050	17.56	36.36	26.44	00.085	1517.7								
	DRS	00050	17.56	36.365	26-44	00.063	1517.7								
	STO	00075	17.39	36.36	26.48	00-125	1517.6								
	ن ۱۹۹	00075	17.39	36.360	26.48		1517.6								
	510	00100	17.26	36.33	26.49	00.164	1517.6								
	785	00100	17-26	36.335	26.49		1517-6								
	510	00125	16.96	36.32	26.55	00.203	1517-1								
	CALS	00125	16.96	36.320	76.55		1517.1								
	510	00150	16.84	36-29	24.56	00.242	1517.1								
	OBS	00150	16.84	36.290	26.56		1517.1								
	ORS	00170	16.61	36.250	26.58		1516.7								
	C8.5	00140	15.64	36.030	26-64		1513.8								
	510	002 20	15.31	35.94	26.64	00.317									
	785 510	00,00	15.31	35.940 35.77	26.64 26.78	00.387	1512.8								
	785	00250 00250	14.11 14.11	35.770	26.78	40. 341	1509.6								
	ORS	00290	12.28	35.305	26.79		1503-6								
	510	00100	12-67	35.47	26.84	00.453									
	TRK	00300	12.67	35.470	26.94		1505.3								
	(18.5	00315	13.07	35.660	26.91		1507-1								
	185	00340	11-51	35+240	26.R9		1501.6								
	STO	904 00	09.76	35.05	27.05	00.574	1496.1								
	~95	00400	09.76	35-050	27.05		1496.1								
	URS	00413	09.03	34 950	27.09		1493.5								
	URS	004 37	07.26	34.680	27.15		1486.8								
	795	00465	OA.36	34.950	27.20	00 475	1491.9								
	570	00500	06.27	34.61	21.23 21.23	00.675	1483.9								
	785	005 00 005 13	06.27	14.610 34.650	27.24		1484.7								
	าตร	00520	06.41 06.66	34.800	27.33		1486.0								
	DHS	00560	04.55	34.500	27.35		1477.7								
	18.5	00597	06.99	34.940	21.39		1488.8								
	STO	00600	06.81	34.90	27.39	00.760	1488.0								
	185	00500	06.81	14.700	27.39		1488.0								
	DRS	00635	06.04	34.950	27.53		1485.6								
	0.85	00660	06.23	35.010	27.55		1486.9								
	510	00700	05.99	35.00	27.58	00.831	1486.5								
	OBS	00700	05.98	35.000	27.58		1486 - 5								
	28.5	00747	05+37	34.950	27.61	00 000	1484.8								
	STD	00800	05-19	34.97	27.65	00.889	1485.0								
	OBS	00900	05.19	34.975	27.65	00.942	1485.0								
	SYN	00000	04.95	34.99 34.990	27.69	00.445	1485.7								
	085 510	01000	04.95 04.76	34.99	27-69 27 <b>-</b> 12	00.993	1486.5								
	085	01000	04.76	34.990	27.72	30.,,,	1486.5								
	.,	01000	0												

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 8296 CONSEC 0091 LAT 42 12 N LONG 046 49 W	YEAR MDNEH DAY HOUR	1 05	8010P 04577 SHIP EV DATA USE 1 AREA 05				ST PER 2 2	#140-01R #140-5P0 #140-FJR #EATHER		TP 40	(F 0)	! R	OR DER 9 00.5	5 2	N SJ 1 SQUARE SQUARE SQJARE	26
CASTNUM/TIME	LVLTYP	пЕртн	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OXY G	P74	101	, ,	SCF	NO3	5133	P 4	
	STD	00000	13,52	35.07	25.36	00.000	1502.7									
10.5	085	00000	13.52	35.070	26.36		1502.7									
	STO	00010	14.47	35.69	76.64	00.015	1506.7									
	085	00010	14.47	35.690	26.64		1506.7									
	OBS	00013	14.63	35.735	26.64		1507 • 3									
	510	00020	14.43	35.71	26.66	00.029	1506.8									
	085	00050	14.43	35.710	26.66	00.043	1506.8									
	012	00030	14.28 14.28	35.66 35.665	26•66 26•66	00.043	1506.4									
	085 STO	00050	13.74	35.54	26.68	00.071	1504.8									
	085	00050	13.74	35.545	26.6R	30.311	1504.9									
	STD	00075	13.32	35.48	26.72	00.106	1503.8									
	ORS	00075	13.32	35.485	26.72		1503 - 8									
	085	00083	13.36	35.480	26.71		1504.0									
	510	00100	12.93	35.44	26.77	00.139	1502 • 8									
	085	00100	12.93	35.445	26.77		1502.8									
	785	00110	13-15	35.540	26.80		1503.8									
	510	00125	12.37	35.40	26.85	00.171	1501.3									
	08.5	00125	12-37	35-405	26.85		1501.3									
	OAS	00136	12.42	35.390	26.83	00 301	1501.6									
	012 280	00150 00160	10.47	35.00 34.790	26.89 26.91	00.201	1494.5									
	085	00197	08.01	34.492	26.89		1485.5									
	Sto	00200	OR.15	34.52	26.49	00.262	1486 .2									
	บอร	00200	08.15	34.520	26.89	33.232	1486 - 2									
	085	00210	07.83	34.495	26.92		1485.1									
	285	86500	10.50	35.100	26.96		1496 • 2									
	085	00246	09-64	34.990	21.02		1493.1									
	510	00250	09-64	35-09	27.10	00.317	1493.3									
	DAS	00250	09.64	35.090	27.10		1493.3									
	510	00300	10.05	35.22	27.13	00.368	1495.8									
	085	00300	10.05	35.220	27.13		1495.8									
	085	00340	08.33	34.930	27.19	00 // 3	1489.7									
	STO	00400	07.44	34 - 85	27-26	00.463										
	085 085	00400 00482	07.44 06.66	34.850 34.940	21.26 21.44		1487.1									
	nes	00493	06.49	34.970	27.49		1485 • 1									
	510	00500	06.65	35.04	27.52	00.540	1485.9									
	085	00500	06.65	35.040	27.52		1485 - 9									
	085	00507	07-06	35.090	27.50		1487.7									
	085	00516	06 • 64	35.020	27.50		1486.1									
	280	00531	06.69	35.070	27.54		1486.7									
	085	00563	06.47	35.010	27.52		1486.2									
	510	00600	06.13	35.04	27.59	00.602	1485.5									
	085	00600	06.13	35.040	27.59		1485.5									
	085	00629	05.98	35.070	27.63		1485.5									
	085 085	00645	06.84	35.260 35.100	27.67		1489.4									
	\$10	00680 00700	05.82 05.72	35.06	27.68 2 <b>7.</b> 66	00.659	1485 - 6									
	085	00700	05.72	35.060	27.66	0.7.0 7.7	1485.6									
	STO	00800	05.17	35.04	27.71	00.711	1485 • 0									
	085	00800	05 - 17	35.040	27.71		1485.0									
	510	00900	04.75	35.02	27.74	00.759	1484.9									
	OBS	00900	04.75	35.020	27.74		1484.9									
	STO	01000	04.54	35.01	27.76	00.905										
	085	01000	04.54	35.010	27.76		1485.7									

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REF10 31 9296 CUNSEC 0092		1972 n 05	80 TOP 03813	A1# #E1			GT PER 3 2	RIC-OVIN		INST	STO REC	0 P O E R		CZ NE	
LAT 42 34 N	DAY	11	DATA USE L		METR LOOT.R	SEA	, ,	WIND-FOR	• •	DURAT		00.2		SQUARI	
LIN 347 30 W		14.5	AREA 05		) T/4	CL/TR		MEATHER	X1		110 110			SQUAR	
		•												-	
(ASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	STAMA-T	OYNBPTH	SND VEL	TXY G	P)4	TOT P	N 32	NO3	\$133	P 1	
	510	00000	10.52	34.69	20+64	00.000	1491.9								
1 * • 5	18.5	00000	10.52	34.690	26.64		1491.9								
	STO	00010	07.94	34.30	25.75	00.014	1481.9								
	5.1 n	00020	05.88	34.06	26.85	00-026	1473.7								
	UBS	00029	04.48	33.990	26.95		1468.3								
	< 10	00033	04.35	33.99	26.97	00.038	1467.5								
	nes	00030	04.35	33.790	26.97		1467.5								
	10.5	00040	04+60	34.090	27.02	22 212	1468.8								
	510	00050	07.25	34.44	26.96	00.060	1483.1								
	785 510	00055	07.96	34.540	26.94 27.04	00.087	1478.4								
	035	00075	06.77	34.440	27.04	00.007	1478.4								
	185	00075	08.39	34.770	27.05		1485.6								
	510	00100	08.67	34.87	27.09	00.112	1486.9								
	085	00100	09.67	14,970	27.09	00.111	1486.9								
	STO	00125	07.55	34.70	27.13	00-137	1482.9								
	()BS	00130	07.41	34.690	27.14		1482.4								
	085	00146	07.15	34.690	27.17		1481 - 6								
	510	00150	07.25	34.74	27.20	00.160	1482 - 1								
	∩B.S	00150	07-25	34.740	27.20		1482.1								
	085	00159	07.36	34.760	27.20		1482.7								
	1185	00177	07.06	34.740	27.23		1481.8								
	∩as	00189	07.08	34.750	27.23		1482.1								
	MBS	00190	07.00	34.690	27.20 •		1481.8								
	510	00200	06-76	34 • 65	27.20	00.206	1480.9								
	OBS	00200	06.76	34.650	27.20		1480.9								
	085	00552	06.30	34.690	21.29		1479.5								
	185	00225	06.67	34.760	27+30		1481.1								
	DBS	00245	05.44	34.590	27.32		1476.3								
	STO	00250	05.11	34.56	27.34	00.248	1475.0								
	085 385	00275	04.52	34.490 34.490	27.35 27.34		1477.9								
	08.5	00289	04.62 04.17	34.490	27.38		1471.6								
	510	00300	04.83	34.59	27.39	00.286	1474.7								
	UHS	00300	04.83	34.590	27.39	00.200	1474.7								
	OBS	00315	04.30	34.540	27.41		1472.7								
	085	00340	04.46	34 • 640	27.47		1473.9								
	085	00160	05.04	34.790	27.53		1476.8								
	nas	00380	05.21	34.810	27.52		1477.9								
	510	00400	05.65	34.94	27.57	00.351	1480.2								
	286	00400	05.65	34.940	27.57		1480.2								
	785	00415	05.79	34.940	27.55		1480.9								
	0.85	00+80	05.55	34.970	27.61		1481.1								
	510	00500	05.92	35.05	27.62	00.407	1483.1								
	385	00500	05.92	35.050	27.62		1483-1								
	ORS	00540	05.68	35.059	27.66	20	1482.8								
	510	00600	05.60	35.08	27.69	00.460	1483.5								
	085	00600	05.60	35.080	21.69 21.69		1483.5 1483.5								
	185 085	00630 00667	05.50 05.10	35.065 35.020	27.70		1482 • 5								
	STO	00700	95.12	35.04	21.12	00.508	1483.1								
	085	00700	05.12	35+043	21.12	30.000	1483.1								
	TAS	00730	05.07	35.028	27.71		1483.4								
	STD	00800	04.67	35.00	27.73	00.555	1482.9								
	085	00900	04.67	34.996	27.73	300	1482.9								
	STO	00900	04.40	34.93	27.71	00.603	1483.3								
	UAS	00900	04.4)	34.930	27 - 71		1483.3								
	stn	01000	04.25	34.97	27.76	00.650	1484.4								
	28.5	01000	04.25	34.975	21.76		1484.4								
	OBS	01021	04.22	34.972	27.76		1484.6								

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296	YEAD	1972	ROTUP 03499	AIR	TEMP 07.2	OTP :	HGT PER	a16-041m		Luca					
CONSEC 0093		H 05	SHIP FV	WET			2 2	WIND-SPO			519 3 F 0[R	EC OP OF P		EN SO 1.	
LAT 42 43 N	OAY	1 (	DATA USE L		METR 1010-5	SEA		WINO-FOR		O'JRA		07.		SOUARE	
LONG 048 08 W	HOUP	18.2	APEA 05		D T/A	CL/TI	4	#EATHE?	X S		HP 1	10		520ARE	
														•	
CASINUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SISMA-T	OYNOPTH	SNO VEL	2ΧYG	P14	TOT P	NO2	NO3			
								3 . 0		101 7	•02	,	\$133	РН	
1a.2	SID	00000	09-47	34.09	26.51	00.000	1483.5								
10.6	085	00008	08.47 09.18	34.090	26.51		1493.5								
	stn	00010	09.02	34.690 34.66	26.87 24.87	00 014	1487.1								
	STO	00020	08.41	34.56	26.88	00.014	1486.5								
	510	00030	08-13	34.52	26.90	00.037	1483.3								
	085	00030	08.13	34.520	26.90	00.021	1483.3								
	STD	00050	08.57	34.65	26.93	00.060	1485.5								
	185	00050	08.57	34.650	26.93		1485.5								
	085 510	00063 00075	08.62	34.740	26.99		14 R6 + 0								
	085	00075	08.64 08.64	34.79 34.790	27.03 27.03	00-088	1486.3								
	510	00100	06.45	34.48	27.10	00.113	1486.3 1477.8								
	08.5	00100	06.45	34.480	27.10	00.111	1477.8								
	อธร	00106	06 - 17	34.410	27.09		1476.7								
	กธร	00122	07.33	34.690	27.15		1481-9								
	STO	00125	97.30	34.66	27.13	00.138	1481 -B								
	JBS	00125	07.30	34-660	27.13		1481.8								
	STO OBS	00150	06.45	34.54	27.15	00.161	1478.7								
	085	00150 00190	06.45 05.63	34-540	27.15		1478.7								
	\$10	00200	05.42	34.440 34.49	27-18 27.24	00 301	1476.0								
	085	00200	05.42	34.490	27.24	00.207	1475.3								
	nBs	00212	05.38	34.500	27.26		1475.4								
	385	00222	06.22	34.690	27.30		1479.2								
	510	00250	06.49	34.78	27.34	00.248	1480-9								
	085	00250	06-49	34.780	21.34		1480.9								
	08S 510	09268 00300	06.40	34.830	27.39		1480.9								
	085	00300	06.49 06.49	34.89	27.42	00.285	1481 -9								
	OBS	00320	06.66	34.890 34.950	27.42 27.45		1481.8 1482.9								
	785	00337	06.32	34-880	27.44		1481.7								
	085	00355	06.57	34.990	27.49		14R3.2								
	085	00370	06.42	34.990	27.51		1482.8								
	510	004 00	06.26	35-00	21.54	00.352	1487.7								
	08S 08S	00400 00475	06.26	35.000	27.54		1482.7								
	085	00489	05.20 05.24	34.920 34.930	27.61		1479.6								
	510	00500	05.01	34.90	27•61 27•62	00.409	1480.0								
	085	00500	05.01	34.900	27.62	00.404	1479.2								
	082	00514	05.04	34.910	27.62		1479.5								
	085	00535	04.90	34.930	21.65		1479.3								
	OBS	00554	05.24	34.990	27.66		1481-1								
	\$10 085	00600 00600	05-24	35.01	27.6B	00.462	1481.9								
	085	00655	05+24 05+32	35.010 35.030	27.6B 27.6B		1481.9								
	085	00630	05.22	35.010	27.68		1482.6 1482.3								
	085	00679	05.22	34.990	27.66		1483.1								
	510	00700	04.B7	35.00	27.71	00.511	1482-1								
	085	00700	04.89	35.000	27.71		1482.1								
	085	C0714	04.95	35.030	27.72		1482.7								
	ეჟ5 \$10	00740	04.58	34.950	27.71		1481.4								
	285	00800	04.36 04.36	34.95 34.950	27.73 27.73	00.55B	1481 - 5								
	085	00821	04.36	34.960	27.74		1481.5 1481.9								
	085	00R 30	04-46	34.980	27.74		1482.5								
	085	00864	04.35	34.965	27.74		1482.6								
	085	00890	04.45	34.990	27.75		1483.4								
	615	00900	04.41	34 - 97	27-74	00.603	1483.4								
	085 085	00900 00942	04.41	34,975	27.74		1483.4								
	510	01000	04.18 04.11	34.945 34.95	27.74	00 //-	1483.1								
	URS	01000	04.11	34.955	21.16 21.16	00-649	1483.9								
	280	01052	04.07	34.955	27.76		1483.8 1484.5								
				• . • .			. +0++9								

REFID 31 8296 CONSEC 0094 LAT 42 57 N LONG 048 32 W	YFAR 19 MONTH D4Y Hour 2	05 11	HOTOP 03182 SHIP EV D4TA USE 1 4REA 05	AIR T WET B BAROM CLOUD	ULB 02.8 ETR 1012.9	OIR HI ?6 SEA CL/TR	ST PER 5 2	4140-018 4140-250 4140-238 4644HER		TR A	F 510 CE 01 ATTON G 11P	R	ORDER 9 90+3	5	N SQ 1 SQUARE SQUARE SQUARE	2 28
CASTNUMITIME	LVLTYP (	DE P TH	TEMP	SAL	SIGMA-E	OYNOPTH	SND VEL	JXY G	P 3 4	T <sub>O</sub> T	P N	ID2	NO3	5133	P.4	
	510	00000	07.96	34.00	26.52	00.000	1481.5									
21.1		00000	07.96	34-000	26.52	******	1481.5									
		00010	07.97	34.00	26.51	00.015	1481.7									
	08\$	00010	07.97	34.000	26.51		1481.7									
		00020	08.02	34.00	26.51	00.031	1482.0									
		00020	08.02	34.000	26.51		1482.0									
		00030	07.73	34.16	26.6B	00.045	1481.3									
		00030	07.73	34.160	26.68		1481.3									
		00040	07.35	34.350	26.88		1480 - 2									
		00050	07.45	34.45	26.94	00.070	1480-9									
		00063	07.45 07.38	34.450 34.410	26.94 26.92		1480.9									
		00075	07.54	34.49	26.96	00.098	1481.7									
		00075	07.54	34-490	26.96	00.040	1481.7									
		00100	07.55	34.48	26.95	00-126										
		00100	07.55	34.480	26.95	******	1482.2									
	085	00120	06.19	34.390	27.07		1477-0									
		00125	06 • 26	34.46	27.11	00.153	1477.5									
		00125	06 • 26	34.460	27.11		1477.5									
		00150	06.34	34.53	27.16	00.177	1478 - 3									
		00155	06.35	34.540	27-17		1478.4									
		00182	06.34	34.570	27.19		1478.9									
		00200 00200	06.20 06.20	34.58 34.580	27.22	00.222	1478.6									
		30256	05.75	34.590	27.22 27.28		1477.2									
		00242	05.93	34-690	27.34		1478.4									
		00250	05.78	34.64	27.32	00.265										
		00250	05.79	34.640	27.32	001203	1477.8									
		00300	04.82	34.60	27.40	00.303	1474-7									
	085	00300	04.92	34.600	27.40		1474.7									
		00315	04 • 42	34.610	27.45		1473.3									
		00335	04.67	34.650	27.46		1474-7									
		00374	04-17	34.660	27.52		1473.3									
		00393	05.23	34.870	27.57		1478.3									
		00400	05.17	34.84	27.55	00.369	1478.1									
		004 00 004 24	05.17 05.07	34.940 34.850	27.55		1478.1									
		00465	04.80	34.865	27.57 27.61		1478.1 1477.7									
		00490	04.87	34.912	27.64		1478.4									
		00500	04.73	34.90	27.65	00-424	1478.0									
		00530	04.57	34.890	27.66		1477.8									
		00575	05.12	35.005	27.69		1481-0									
		00600	05.00	34.99	27.69	00.474	1480.9									
		00600	05.00	34.990	27.69		1480.9									
		00690	04.67	34.982	27.72		1481.0									
		00700	04.80	35-01	27.73	00.521	1481.8									
		00700	04.80	35.013	27.13		1481.8									
		00800 00800	04.67	35.01 35.008	27.74	00.566	1482.9									
		00900	04.44	35.00	27.74 27.76	00.411	1482.9									
		00900	04.44	34.999	27.76	00-611	1483.6									
		01000	04.24	34.98	27.77	00.656	1484.4									
		01000	04 - 24	34.9R5	27.77	20.000	1484.4									
		01067	04-17	34.978	27.77		1485.2									
				-	-											
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF10 31 8296 CONSEC 0095 LAT 43 07 N LONG 049 00 W	HUNB DAY MONTY AEAR		SHIP EV SHIP EV OATA USE L AREA 05	AIR T BAPON CLOUT	ULB 02.9 IETR 1015.6	01g HC 26 4 SEA CL/TR		#INO-OIR #INO-SPO WINO-FIR #EATHER		TRAC		00.	5 2	N SQ 1 SQUARE SQUARE SQUARE	2 28
CASTNUMZTIME	LVLTYP	OEPTH	TEMP	SAL	SISMA-T	OYNOPTH	SNO VEL	DxrG	P)4	101 P	NO2	NO3	\$133	PH	
	SID	00000	05.59	33-62	26-54	00.000	1471.6								
21 • 3	085	00000	05.59	33,620	26.54		1471.6								
,,,,	SID	00010	05.59	33.62	26.54	00.015	1471.8								
	98 S	00010	05.59	33.620	26.54		1471 .8								
	STD	00250	05.57	33.62	26.54	00.030	1471 - 8								
	ORS	00050	05.57	33.620	26.54	00.045	1471.8								
	510	00130	03-74	33.48	26.63 26.63	00.743	1464-2								
	085 085	00033	03.74 03.50	33.480 33.650	26.78		1463.5								
	510	00050	03.44	33.68	26.81	00.072	1463.5								
	385	00050	03.44	33.680	26 · A I		1463.5								
	08.5	00073	03.54	33.750	26.86		1464.4								
	SID	00075	03.52	33.77	26.88	00.102	1464.4								
	085	00075	03.52	33.770	26.R8		1464 - 4								
	STO	00100	02.67	33.93	27.08	00-129	1461 -4								
	ORS	00100	02.67	33.930	27.08		1461.4								
	D8.5	00117	03.12	34.130	27.20 27.24	00.152									
	STD	00125	02•96 02•96	34.16 34.160	27.24	00.132	1463.3								
	085 510	00125 00150	03.70	34.39	27.35	00-172	1467.2								
	385	00150	03.70	34-390	27.35		1467.2								
	085	00165	03.21	34.320	27.35		1465.3								
	SID	00200	04.24	34.58	27.45	00.207									
	08.5	00200	04.24	34.580	27.45		1470.6								
	085	00211	04.57	34.630	27.45		1472.2								
	085	00220	04.51	34.650	21.47		1472.1								
	785	00241	04.61	34.6RO	27.49 27.55		1472.9								
	085	00245	04 - 74	34.780 34.75	27.53	00.239	1473.6								
	510	00250 00250	04.71 04.71	34.750	27.53	30.23,	1473.6								
	085 085	00274	04.61	34.780	21.57		1473.6								
	STO	00300	04.69	34.92	27.59	00.267	1474 - 4								
	ORS	00300	04.68	34.920	27.59		1474.4								
	OBS	00329	04.74	34.880	27.63		1475 - 2								
	085	00349	04.91	34.900	27.63		1476.3								
	085	00365	04.73	34.910	27.66		1475.8								
	STO	00400	04.90	34.93	27.65 27.65	00.319	1477.1								
	285	00407	04.90 04.49	34.930 34.90	27.68	00.368									
	5 T O 0 8 S	00500 00500	04.49	34.900	27.68		1477.0								
	085	00570	04.46	34.940	27.71		1478.1								
	OPS	00590	04.32	34.915	27.71		1477.8								
	STD	00600	04.36	34.93	27.72	00.414	1478.2								
	085	00600	04.36	34.935	27.72		1478 - 2								
	085	006 55	04.21	34.925	27.73		1478.4								
	Sin	00703	04.24	34.93	27.73	00-459	1479.3								
	085	00700	04.24	34.935	27.73 27.73		1479.8								
	280	20732	04.24 04.14	34.935 34.915	27.73		1479.9								
	385 385	00760 00800	04.14	34.92	27.73	00.504	1480 -4								
	085	00900	04.11	34.920	27.73		1480 -4								
	\$10	00900	04.00	34.91	27.74	00.549	1481 -6								
	ORS	00900	04.00	34.915	27.74		1481.6								
	510	01000	03.92	34.91	27.75	00.594	1483.0								
	nes	01000	03.92	34.915	27.75		1483.0								

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFTO 31 8296 CONSEC 0096 LAT 43-10 N LONG 049-18 W	HONT DAY	19#2 H 05 12 04.5	BUTOP 00914 SHIP EV DATA USE 1 AREA 05	ATR T WET F BARGA CLUUI	NULB 01.7 ETR 1031.2		FT PER 2 3	91C=001W 092-001W 8C3-001W 83HT43W	24	TRACE OURAT		00.3	5 2	N SO 1306 SQUARE 28 SQUARE 28 SQUARE 39
CASTNUM/TIME	LVETYP	OFPTH	TEMP	SAL	1-AMc12	DANOPLH	SNO VEL	OXYG	P 34	TOT P	NO2	N03	5133	P 1
	510	00000	- 0.11	32.91	26.45	00.000	1445.9							
04.5	09.5	00200	- 0.11	32.910	26.45		1445.9							
	STO	00010	- 0.11	32.91	26.45	00.016	1446.0							
	785	00210	- 0.11	32.910	26.45		1446.0							
	510	00020	- 0.11	32.91	26.45	00.032	1446.2							
	185	00020	- 0.11	32.910	25.45		1446.2							
	STD	00133	- 0.11	32.91	26.45	00.048	1446 - 4							
	DAS	00030	- 0-11	32.910	26.45		1440.4							
	ne s	00141	- 0.11	32.990	26.50		1446 .6							
	STO	00050	- 0.51	33.09	26.60	00.078	1445.1							
	UBS	00053	- 2.51	33-090	26.60		1445 -1							
	\$10	00075	- 0.78	33.44	26.90	00.111								
	CAS	00075	- 0.78	33.440	26.90		1444.8							
	5 T D QB S	00100	- 0.56 - 0.56	33.48 33.480	26.93 26.93	00.139	1446.2							
	085	00103	- 0.72	33.560	27-00		1445.7							
	STO	00125	- 0.35	33.57	27.07	00.166	1447.9							
	HAS	00125	- 0.35	13.670	27.07	03.100	1447.9							
	CHS	00147	- 0.0A	33.740	27.12		1449.6							
	510	00153	- 0.10	33.73	27.11	00.190	1449.5							
	OHS	00150	- 0.10	33.730	27.11		1447.5							
	DHS	00160	- 0.14	J 780	27.15		1449.6							
	nhs.	0.01.75	- 0.01	33.810	27.17		1450.5							
	385	00187	- 0.01	33.840	27.19		1450.7							
	510	00201	00.34	33.30	27.22	09.236								
	UBS	00200	00.34	33.900	27.27		1457.6							
	795	00551	00.25	33.890	27.22		1452.5							
	5 T O 0 R S	00250	00.72 00.72	34.03 34.030	27-31	00.277	1455.3							
	510	00303	01.65	34.30	27.31 27.46	00.312	1460.7							
	nas	00300	01.65	34.300	27.46	00.712	1460.7							
	095	00345	03.11	34.000	27.5A		1468.2							
	095	00370	03.24	34.610	27.57		1469-7							
	DBS	00180	03-58	34.730	27.64		1471.0							
	STD	00400	03.70	34.73	21.62	00.370	1471.8							
	nes	00400	03.70	34.730	27.62		1471 - 8							
	78.5	00450	04.02	34.820	21.66		1474.1							
	ባዘ ና	00471	04-02	34.820	27.66		1474.5							
	\$10	005 00	04.09	34.95	27.68	00.419	1475.3							
	18.5	00500	04.09	34.850	21.68		1475.3							
	510	00600	04.10	34.87	27.69	20.466	1477.0							
	79.5 \$1.n	00 800	04.10	34.870	27•69 27•68	00.514	1477.0 1478.8							
	785	00700	04.13	34.86 34.861	27.6R	30.514	1478.8							
	510	00900	04.10	34.90	21.72	00.562	1480 - 4							
	CAS	00900	04.10	34.900	27-72	33.702	1480.4							
	09.5	00841	04.09	34.900	27.72		1481.0							
				-										

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

REFID 31 920 CONSEC 000		R 1972	9010P 0036		TEMP DL.7		HGT PER	MIND-DIR	3.)	1851	STO RE	T OR DE R		EN 50 130
LAT 43 15		14 05	SHIP EV		9ULB 01.1		2 2	WEND-SPO			E DIA	0		SQUARE
LONG 049 31			DATA USE		4. HICL RT3P	5 E A		#IND-FOR		DURA		00.2		SOUARE 2
E(//4) 049 11	# H(1)	R 07.2	AREA O	5 CLOU	3 T/4	CL/TS	₹	4EATHER	x 2		TIP 11		- 2	SQUARE 3
										• •	,,.			330446 3
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P 34	IOT P	<b>N</b> 02	NO3	5123	PH
	510	00000	00.37	32.91	26-42	00.000	1448.1							
07.2	OBS	00000	UO.37	32.910	26.42	.,0.000	1448.1							
	510	00010	00.37	32.90	26.42	00.016	1448.2							
	nes	00010	00.37	32.900	26.42	00.018	1448.2							
	510	00020	- 0.14	32.89	26.43	00.032	1446.0							
	985	00027	- 0.41	32.880	26.44	00.032								
	570	00030	- 0.50	32.95	26.50	00.048	1444.9							
	OBS	00030	- 0.50	32,750	26.50	00.040	1444.6							
	085	000 35	- 0.56	32.950	26.50		1444.6							
	085	00045	- 1.00	33.070			1444 - 4							
	510	00050	- 0.93	33.070 33.08	26.61		1442.7							
	285	00050	- 0.93		26.62	00.078	1443.1							
	ORS	00060	- 0.93	33.080	26.62		1443.1							
	OBS	00071	- 1.12	33.100	26.63		1443.3							
	510	00075		33-140	25 • 6 7		1442.7							
	085	00075	- 1.05	33.22	26.73	00.112	1443.2							
	085		- 1.05	33.220	26 • 73		1443.2							
	510	00085	- 1.05	33.230	26.74		1443.4							
	085	00100	- 1.12	33.27	26.78	00.144	1443.3							
	085		- 1.12	33.270	76.78		1443-3							
		00116	- 1-12	33.310	26.81		1443.7							
	STO 085	00125	- 1.06	33.35	26.84	00.175	1444.1							
		00125	- 1.06	33.350	25.84		1444 -1							
	095	00136	- 1.06	33-360	26.85		1444.3							
	085	00141	- 0.9A	33.420	26.89		1444.9							
	STO	001 50	- 0.96	33.41	24. R9	00.205	1445.1							
	ti 3	00150	- 0.96	33-410	26.R9		1445.1							
	085	00160	- 0.72	33.540	25.9B		1446.6							
	510	00200	- 0.44	33.65	27.06	00-260								
	085	00200	- 0.44	33.650	27.06		1448.7							
	510	00250	- 0.16	33.76	27-14	00.308								
	085	00250	- 0.16	33.765	27.14	00-30-7	1451.0							
	OB S	18500	- 0.01	33.835	27.19		1452 • 0							
	085	002 75	00.24	33.700	27.23		1453.4							
	0B5	00290	00-3B	33.920	27.24		1454.3							
	OBS	00296	00.18	33.970	27.29		1453.6							
	510	00300	00.47	34.01	27.30	00.351								
	085	00306	00.69	34 - 04 0	27.31	00.33[	1456.1							
	085	00314	00.61	34.020	27.30									
	085	00322	01.00	34.070	27.32		1455.9							
	OBS	00325	00.94	34.030	27.30		1457.9							
	OBS	00330	00.96	34.080	27.33		1457.1							
	085	00340	01.19	34.090			1457.0							
	285	00352	01.20	34.080	27.32		1459.0							
	-		0	2 1.000	27.31		1459.3							

Table XIII. Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8796 CONSEC 0095 Lat 43 14 N LONG 049 39 W	¥ይልዩ ዓ/ንካፒብ (ነልሃ H() JR	05 12	ROTOP 03073 SHIP EV DATA USE 1 AREA 05	AIR T WET B BAROM CEUUT	ULB 01.7 ETR 1029.0	OIR H 30 SEA CL/TR	of PER 5 2	ALVO-DLR ALVO-DR ALVO-FIR WEATHER		TRAC	STO REC F OTR TION TION	07.1	5	N SO 13 SOUARE SOUARE SOUARE	2 28
CASTNUM/TIME	LVLTYP	ове <sup>т</sup> н	T E M P	SAL	SISMA-T	ПүңПртн	SND VEL	DXY G	P)4	TOT P	SCK	NO3	5133	РН	
09.3	STO UBS STO STO SAS OBS STO STO SPO	000 00 000 00 000 10 000 20 000 20 000 20 000 30 000 30 000 50	01.25 01.25 00.82 00.39 00.19 - 0.60 - 0.72 - 0.72 - 0.78	32,95 32,95 32,96 32,97 32,970 32,940 33,03 33,03 33,07 33,070	25.41 26.41 26.47 26.47 26.47 26.47 26.57 26.57 26.57 26.60	00.000 00.016 00.032 00.047 00.076	1457 • 1 1452 • 1 1453 • 4 1448 • 6 1448 • 6 1444 • 1 1443 • 7 1443 • 7 1443 • 3								
REF1U 31 9296 CONSEC 0099 LAT 44 02 N LONU 049 26 W	YEAR MONTA DAY HOUR	05 12	BOTOP 90046 SHIP EV DATA OSE 1 AREA 05	AIR T WET 8 BARDY CLOOD	DLR 01.7 ETP 1021.3	DIR H 30 SEA CL/TR		#END-DER WIND-SPD WIND-FJR WEATHER	05	TRAC DURA	STO REC E DLR TION TIP III	00.1	5 2	N SO 1: SJUARE SJUARE SJUARE SOUARE	2 48
CASTNUM/TIME	LVLTYP	DEPTH	1 E m p	SAL	SIGMA-T	DYNDPTH	SNO VEL	∃XY G	P 7 4	TOT P	NO2	FON.	5133	PΗ	
13.4	STD TAS ORS STD TAS STO DAS STO DAS TAS	00000 00000 00000 00010 00010 00020 00020 00030 00030 00033	01.46 01.45 01.35 01.34 01.34 01.31 01.27 01.27	32.97 32.970 32.930 32.94 32.945 32.96 32.96 32.96 32.960 32.960	26.41 26.38 • 26.40 26.40 26.41 26.41 26.41 26.41 26.42	00.016 00.033 00.049	1452.7								
RFF10 31 8296 CONSEC 0100 LAT 43 55 N LONG 049 06 W	40VIH	05 12	BUTOP 00146 SHIP EV NATA USE 1 ARFA 05	AIR 1 WET 6 BARO* CLOUG	IOL8 03.3 IETA 1021.7		G <sup>T</sup> PFR 5 3	MINO-01R WINO-SPO WINO-FIR WEATMER	05	TR AC	STO REC FOTR TLON TIP ILI	03.1	5	N SO 13 SODARE SOUARE SOUARE	2 B
CASTNUM/TIME	LVLTVP	оЕртн	TEMP	SAL	\$15MA-T	OYNUPIH	SNO VEL	OXYG	P)4	t DT P	102	NO3	5133	PΗ	
15.1	STN ORS STO ORS STO ORS ORS STO ORS STO ORS STO ORS STO ORS STO ORS ORS ORS ORS ORS ORS	00000 00010 00010 00010 00020 00030 00030 00030 00050 00075 00175 00100 00125 00125	00.80 00.80 00.39 00.39 00.31 00.24 - 0.83 - 0.82 - 1.01 - 1.01 - 1.14 - 1.18 - 1.18	32.88 32.93 32.93 32.93 32.93 32.93 32.93 32.93 31.03 33.02 33.09 33.09 33.09 33.16 33.16 33.16 33.26 33.26 33.26	25.38 25.44 26.44 76.44 76.45 26.45 26.57 26.57 26.57 26.63 26.69 26.78 26.78 26.78	00.048 00.079 00.115 00.150	1450.0 1450.0 1448.4 1449.4 1449.2 1448.0 1443.6 1443.6 1443.6 1443.2 1443.2 1443.1 1443.1								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 R296 CONSEC 0101 LAT 43 52 N LONG 048 57 H	MONT VAV	1972 H 05 12 L6.0	SOTOP 00366 SHIP EV OATA USE 1 AREA 05	AIR WET 1 8APO CLOU	BULR 07.8 METP 1022.7	01R + 30 SEA CL/TR	_	# IND-0IR # IND-5PN # IND-5PR # IND-8	50	TB AC S	DIR	COROER 0 00.1	S :	N SQ 1 SOUARE SOUARE SOUARE	28
CASTNUM/TIME	LVLTYP	0 <b>6</b> 97H	TEMP	SAL	SIGMA-T	04N0PTH	SNO VEL	) XY G	P)4	TOT P	NO2	NO3	5103	PH	
	sto		00.1/		24.2										
14.0	ემ <u>ნ</u>	00000	00.16 00.16	32.95 32.955	26.47 26.47	00.000	1447.2								
16.0	510	00000	- 0.06			00 014	1447.2								
	085	000 [0		32.96	26.49	00.016	1446.4								
			- 0.06	32.962	26.49	00 03.	1446.4								
	510	00020	- 0.08	32.96	26.49	00.031									
	286	00020	- 0.08	32.964	26.49	00 066	1446.4								
	510 085	00030	- 1.01 - 1.01	32.98 32.980	26.54 26.54	00.040	1442.3								
		00030	- 1.38	33.200			1441.1								
	085 510	00050		33.30	26.73	00.074	1441.9								
	785	00050	- 1.26 - 1.26	33.300	26+81 26+81	00.074									
	510	00075	- 1.13	33.37	26.86		1441.9								
	085	00075	- 1.13	33.370	26.86	00.104	1443.0								
	510		- 1.19	33.39	26.88	00 134	1443.7								
	085	00100 00100				09.134	1443.7								
	185		- 1.09	33.393	26.88										
	510	001.06	- 0.97	33.460	26.93 26.92	00 163	1444.4								
	085	00125 00125	- 0.95 - 0.95	33.45 33.450		00.163	1444.R 1444.B								
	510	00125	- 0.78	33.450	26.97 26.96	00.191									
	DAS	00150	- 0.78	33.510		00.171	1446.1								
	ORS	00176	- 0.48	33.595	26.96 27.02		1448.0								
	085	001 76	- 0.52	33.750	27.14		1448.2								
	510	00700	- 0.28	33.81	27.18	00 244	1449.7								
	08 S	00200	- 0.28	33.910	27.18	00.241	1449.7								
	085	00222	90.46	34.029	27.32		1453.7								
	510	00222	00.65	34.07	27.35	00.282	1455.1								
	062		00.65	34.075	27.35	00.282	1455 • 1								
	DAS	00250	01.18		27.41		1458+0								
				34.200	27.42	00.317	1459.1								
	510	00300	01-31	34.22		00.311									
	085	00300	01.31	34.227	27.42		1459.1								
	085	00313	01.71	34.340	27.49		1461.2								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

	9276 0102 48 N 48 H		€ 05 12	ACTOP 01554 SHIP EV DATA USE L AREA 05			OIP HE 31 SEA CL/TR	GT PER 2 2	R10-0/14 092-0/14 RC3-0/14 F3HT#34		TAAC	STO REC E DIR TION IIP III	0 07.2	5	N SQ 130 SQUARE SQUARE 3	2
rast Num	/TIME	LVLTYP	РЕрти	J E MP	SAL	SIGMA-T	OYNDPTH	SNO VEL	OXYG	P34	TOT P	432	NO3	5133	P-4	
		510	00000	00.57	32.93	25.43	00.000	1449.0								
	16.9	CAE	00000	00.57	32.930	26.43		1449.0								
		5.75	20017	00.28	32.96	26.47	00.016	1447.7								
		-185	00010	20.28	32.760	26.47		1447.9								
		570	100 20	00.26	32.96	26-47	00.032	1448 • 0								
		785	00029	00.76	32.965	25.47	00 017	1448.0								
		5 T.D. J8 S	00030	00.27	32.97 32.972	76.48 25.48	00.047	1448-2								
		745	01033	00.27	32.975	25.48		1449.3								
		กลร์	00041	- 1.24	33.030	26.59		1441.5								
		STO	00050	- 0.89	33.38	26.86	00.075	1443.8								
		795	00050	~ 0.89	33-380	26.86		1443.8								
		18.5	00050	- O.83	33.370	26.85		1444.7								
		745	00062	- 0.93	33.350	26.84		1443.7								
		510	00075	- 0.93	33.45	26.92	00.104	1444.1								
		185	00075	- 0.93	33.450	25.92		1444.1								
		085 510	00090	- 0.75 - 0.77	33.540 33.58	26.98 27.02	00.131	1445.3								
		16.5	00100	- 0.77	33.580	27.02	00.131	1445.4								
		510	00125	- 0.51	33.72	27.12	00-156	1447.2								
		135	20125	- 0.51	33.725	27.12		1447.2								
		510	02150	00.36	33.89	27.21	00.179									
		18.5	00150	00+36	33.890	27.21		1451.9								
		7 R S	00163	00.23	33.930	27.25		1451-5								
		JB 5	00180	00.45	33.975	27.28		1452.9								
		085	00192	00.45	34.010	27.30	00 310	1453.1								
		5 T T 118 S	30200	00.84 00.84	34-16 34.160	27.40	00.218	1455.2								
		185	00235	04.67	34.580	27.40		1473.0								
		nAs.	33246	04.47	34.570	27.42		1472.3								
		SID	00250	04.49	34.63	27.46	00.251	1472 - 5								
		785	00250	04.49	34.630	27.46		1477.5								
		DAS	00257	04.77	34.700	27.49		1471.9								
		795	20273	03.78	34.580	27.50		1467.9								
		185	09290	03.42	34.560	27.52		1468.6								
		5 T O 13 R S	00300	03.52 03.52	34.59 34.595	27.53 27.53	00.283	1469.2								
		085	30325	02.99	34.570	27.56		1467.3								
		28 S	00372	03.46	34.720	21.64		1470.3								
		285	00390	03.49	34.703	27.62		1470.7								
		510	00400	03.65	34.76	27.65	00.336	1471-6								
		385	00400	03.65	34.760	27.65		1471.6								
		745	00415	03.86	34.820	27.68		1472.9								
		510	00500	03.97	34.84	27.69	00.383	1474 +8								
		DAS	00500	03-97	34.845	27.69		1474.8								
		510 185	00500	04.08 04.08	34.88 34.884	27.71 27.71	00.429	1476.9								
		510	00700	04.09	34.89	27.71	00.475	1478.6								
		าติรั	00701	04.09	34.991	27.71	3004.3	1478.6								
		STO	00900	04.10	34.91	27.72	00.521	1480.4								
		285	00900	04.10	34.909	27.72		1480.4								
		STO	00900	04.09	34.91	27.73	00.568	1482.0								
		085	00900	04.09	34.908	21.73		1482.0								
		510	01000	04.09	34.91	27.73	00.615									
		085	01000	34.09	34.915	27.73		1483.7								
		)85	01008	04.09	34.917	27.73		1483.8								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

RFFID 31 8296 CONSEC 0113 EAT 44 34 N LONG 048 44 M	₩@Ŋ¥! D#Y	1972 H 05 14 10.7	BOTOP 01756 SHIP EV OATA USE 1	HET S BARD		OTR HI 22 SEA CL/TR		WINO-DIR WINO-SPD WINO-FOR WEATHER	12	TRACE		03.2	5 2	N SQ 1306 SOUARE 2 SOUARE 48 SQUARE 48
CASTNUM/TIME	LVLTYP	ОЕРТН	TEMP	SAL	51G#4-1	OYNDPIH	SNO VEL	<b>DXYG</b>	P 34	101 P	402	ND3	5133	PH
	510	00000	- 0.14	33.03	26.55	00.000	1445.9							
	085	00000	- 0.14	33.030	26.55	001700	1445.9							
10.7	510	00010	- 0.14	33.03	26.55	00.015								
	085	00010	- 0.14	33.030	26.55		1446.1							
	510	00022	- 0.15	33.03	26.55	00.030	1446.2							
	385	00020	- 0-15	33.030	26.55		1445.2							
	510	00030	- 0.16	33.03	26.55	00.045	1446.3							
	085	00030	- 0.16	33.030	26.55		1446.3							
	785	00040	- 0.03	33.060	26.56		1447.1							
	510	00050	- 0.10	33.07	26-58	00.075	1447.0							
	0.85	00050	- 0.10	33.070	26.58		1447.0							
	085	00062	- 1.13	33.450	26.92 27.01	00.106	1444.5							
	517	00075	- 0.88	33.57 33.570	27.01	00.100	1444.5							
	nas	00075	- 0.88 - 0.57	33.75	27.14	00-131	1445 + 6							
	510 085	00100	- 0.57	33.750	27.14	000131	1446-6							
	210	00135	- 0-39	33.84	27.21	00.153								
	285	00125	- 0.39	33.840	27.21		1448-0							
	510	00150	- 0-40	33 - R6	27.23	00.175	1448.3							
	085	00150	- 0.40	33.860	27.23		1448.3							
	510	00200	00.35	34.06	27.35	00.214								
	085	00203	00.35	34.060	27.35		1452.9							
	512	00250	01.13	34.24	21.45	00.249	1457.5							
	085	00250	01.13	34.240	27.45		1457.5							
	510	00300	02.01	34.46	27.56	00.279								
	085	00100	02.01	34.460	27.56		1462.5							
	nes.	00332	02.95	34.600	27.59		1467.3							
	n85	00350	02.78	34,560	27.58		1466.8							
	085	00392	03.72	34.750	27.64	00.330	1472.2							
	510	00400	03 • 77	34.77 34.770	27.65 27.65	00.330	1472.2							
	085	00400	03.77	34.810	27.66		1474.0							
	nes	00450	03.97	34.82	27.67	00.379	1474.7							
	012 280	00500	03.97	34.920	27.67	00071	1474.7							
	085	00543	04.16	34.860	27.68		1476.2							
	210	00500	04.26	34.88	27.6A	00.427	1477.7							
	285	00600	04.26	34. RRO	27.68		1477.7							
	510	00700	04.19	34.88	27.69	00-475	1479.0							
	085	00700	04.19	34.8A0	27.69		1479-0							
	510	00800	04.11	34.88	27.70	00.523	1480 - 4							
	085	00900	04-11	34.880	27.10		1480.4							
	085	00950	04.37	34.940	27.72	00 571	1482 + 4							
	510	00900	04-28	34.94	27.73	00.571	1482.8							
	OBS	00900	04.28	34.940	27.73		1482+8							
	C85	00940	04.22	34.920	27.72	00.618	1484.2							
	510	01000	04.22	34.92	27.12 27.12	00.010	1484.2							
	08.5	01000	04.22	34.920 34.920	27.73		1485.1							
	DAS	01060	04.18	34.720	27.11)									
					* * * * *	• • • • • • • • •	•							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFEIO 31 8298 CONSEC 0114 LAT 44 37 N LUNG 048 56 W	MUNT DAY	1972 + 05 14 12.4	8010P 03677 SHIP FV DATA USE 1 ARFA 05				GT PER 3 Z	AIND-NIP WIND-SPD AIND-FOR WEATHER	01	TRACE		ຄາ.ໄ	5 S 2 S	\$3 1306 2 384U0 2 384U0 394E 48
CASTNUM/TTME	LVLTYP	перти	1E-MB	SAL	5 E344-1	0 <b>44</b> 0 <b>0 1</b> H	SNO VEL	DXY G	P 74	tot P	NO2	NO3	51)3	04
	STO	00100	00.67	32,90	25.40	00.000	1449.4							
17.4	18.5	00000	00.67	32,900	25.40		1449.4							
	510	00010	00.61	32.90	26.40	00.016	1449.3							
	<b>۵۹</b> 5	00010	00.61	32.900	26.40		1449+3							
	STO	00020	- 0.53	32.90	26.38	00.033	1444 - 1							
	) R S	00020	- 0.53	32.800	26.38		1444-1							
	510	00030	- 1.06	33+05	26.60	00.048	1442.2							
	085	00030	- 1.06	33.050	26.60		1442.2							
	510	00150	- 1 - t 8	33-22	26.14	00.076	1447.2							
	085	00050	- 1.18	33.220	26.74		1442 - 2							
	STO	00075	- 1.23	33 - 34	25.84	00.108	1442.5							
	78.5	00075	- 1.23	33.340	26.94		1442.5							
	STO	001.00	- 0.91	33.48	26.94	00.137	1444.6							
	785	00100	- 0.91	33.480	26.94		1444.6							
	\$10	00125	- 0.53	33.67	27.0A	00.163	1447.1							
	785	10125	- 0.53	33.670	27.08		1447.1							
	JR S	00131	- 0.80	33.650	27.07	00 107	1445.9							
	317 385	00150	- 0.60	33.75 33.750	27.15 27.15	00.187	1447.3							
	PRS	00163	- 0.60 - 0.27	31.350	27.21		1449.2							
	785	00169	- 0.27	33.960	21.22		1449.5							
	510	00200	- 0.03	33.92	27.26	00.231	1451.0							
	185	20201	- 0.03	33.920	27.26	00.231	1451 •0							
	395	00550	00.45	34-035	27.32		1453.6							
	510	00220	00.65	34.10	27.37	00.269	1455.1							
	PAS	03250	00.65	34-100	27.37	00.207	1455.1							
	STO	00303	01.15	34.27	27.47	00.303	1458.4							
	065	00300	01.15	34.270	21.47		1458.4							
	TAS	00352	01.81	34.400	27.53		1462.4							
	STO	00400	01.95	34.42	27.54	00+363	1463.9							
	285	00400	01.95	34.425	27.54	30.30	1463.9							
	1195	00421	01.99	34.445	27.55		1464 - 4							
	185	00443	02.31	34.510	27.59		1466.3							
	085	00454	02.72	34.570	27.59		1468+3							
	STD	00501	03.23	34.71	27.65	00.416	1471.4							
	28.5	00500	03.23	34.710	27.65		1471 -4							
	2.8G	00550	03.74	34.920	27.69		1474.6							
	∩8.5	00570	03.94	34.984	27.72		1475.9							
	stn	20600	03.98	34.88	21.72	00.463	1476.5							
	785	006.00	03.99	34.485	21.72		1476.5							
	าคร	00604	03.99	34.890	21.12		1476.6							
					****	•••••	•							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

LONG 049 06 W HOUR 13.5	SHIP EV DATA USE I AREA DE		1922.0		GT PF8 5 3	#140-01P #140-5P0 #140-F18 #E4 THE &	05	TRACE		00.1	5 2	N SQ 1 SQJARE SQJARE SQJARE	- 2 - 48
CASTNUM/TIME LVLTYP DEPT	TEMP	SAL SI	JHA-T	OYNOPTH	SNO VEL	JXY G	P14	101 P	NO2	101	5133	P 4	
STo onogo	00.60	32.93 2	5.43	00-000	1449.2								
13.5 085 00000			5.43		1449 - 2								
\$10 00010			6.44	00.016	1448-9								
785 00010			6.44		1448.9								
\$10 0002			5.44	00.032	1449.9								
085 00020			0.44		1448.9								
\$10 00030	00.22	32.92 2	6.44	00.048	1447.9								
085 00030	00.22		6.44		1447.9								
26000 280	00.01		5.48		1447-1								
\$10 00050	- 0.01		6.49	00.079	1447.3								
085 00050	- 0.01	32.973 2	5.49		1447.3								
STO 00075	- 0.01	32.98 2	6.50	00.118	1447.7								
UBS 00075	- 0.01	32,978 2	6.50		1447.7								
7t 000g	00.00	32,975 2	6.50		1449.0								
\$10 00100	- 0-05	32.97 2	6.49	00.157	1447.9								
085 00100	- 0.05	32.970 2	6.49		1447.9								
085 00119	- 0-14	32+985 2	6.51		1447.7								
\$10 00125	- 0.26	32.99 2	6.52	00.195	1447.4								
285 00129	- 0.26	32 • 990 2	6.52		1447.4								
085 00140	- 0.48	33.060 2	6.58		1446.7								
085 00145	- 0.47	33-105 2	6 • 6 2		1446.9								
					•								
HEFTD 31 3296 YEAR 1972	8J10P 0006	4 AIR TEM	P 03.9	018	HGT PER	#10-01F	21	INST	STO RECO	ORDER	11	N SQ I	1 306

SHIP EV DATA USE I CONSEC LAT LONG 0116 44 42 N 049 23 W MONTH 05 UAY 14 HOUR 14.8 WET FULB 02-8 BAROMETR 1023-0 CLOUP T/A 26 3 SEA CL/TR #INO-SPO 19 #CHOULM RCH-ONIM IX PBHT#36 TRACE DIR OURATION ORIG FIP 111 5 SQUARE 2 2 SQUARE 48 1 SQUARE 49 CASTNUMITEME LVLTYP DEPTH TEMP SAL SIGMA-F DYNOPTH SHO VEL JXY G 101 5 NO3 5133 01.02 01.02 00.75 00.75 00.63 00.63 00.51 00.51 32.96 32.960 32.94 32.945 32.945 32.938 32.96 32.963 32.963 510 26.43 00.000 00000 26.43 26.43 26.43 26.43 26.43 26.46 26.46 1451.1 1450.0 1450.0 08 S 5 T O 00000 00.016 385 510 00010 00.032 085 Sto 985 1449.6 00020 00-048 00030 1449.3 CBS 1449.3 26.47

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972- 18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

PEFTO 31 8296 CONSEC 0117 LAT 44 45 N L'NG 046 00 W	MONT DAY	1972 H 05 15 02.8	BOTOP 03658 SHIP EV DATA USE L APEA . 05	ALB T WET F HAPON CLOUP	9.40 94.4 HETR 1028.8		IGT PER 2 2	#140+018 #140+5P0 #140+F7R #E&THER		TRACE OURAT		04.0ER 0 01.2	5	N SO LBI SQUARE SQUARE SQUARE	4
CASTNUM/TIME	LVLTYP	0£ p † H	TEMP	SAL	SIGMA-T	HIGONYO	SNO VEL	JXYG	P14	fOT P	NO2	NO3	51)3	P 4	
	STO	00000	09.57	34,56	26.70	00.000	1488.3								
02.8	085	00000	09.57	34.560	26.70		1488.3								
	385 <b>510</b>	00009	09.58	34.540	26.68		1488.4								
	0.85	00014	09.93 10.87	34.65 34.960	26.71 26.79	00.013	1489.8								
	510	00020	10.95	34.97	26.78	00.027	1494-1								
	OBS	00020	10.95	34-970	26.78		1494.1								
	085	00723	10.96	34.780	26.79		1494.2								
	085	00029	10.90	34.970	26.79		1494.1								
	5 T D 21 H S	00030	10.59	34.96	26.84	00.039	1493.0								
	ORS	00040	10.59	34.960 34.610	26.84 26.88		1493.0 1485.8								
	510	00050	09.55	34.57	26.87	00-063	1485.3								
	385	00050	09.55	34.570	26.87		1485.3								
	\$10	00075	09.30	34.72	26.87	00.093	1488.7								
	985	00049	09.72	34.910	26.87		1490 - 6								
	ST0 085	00100	08.49 08.49	34.74 34.740	27.02	00.122	1486 - 1								
	185	00100	07.49	34.600	27.02 27.06		1486.1								
	DA S	00120	06.77	34 - 490	27.07		1479.4								
	510	00125	06.81	34.53	27.10	00.148	1479.7								
	OBS	00125	06.81	34.530	27.10		1479.7								
	OBS	00140	07.57	34.710	27.13		1483.2								
	5 T D 0 A S	00150	07.34	34.71	27.16	00.172	1462.5								
	OBS	00150	07-34 06-74	34.710 34.650	27.16 27.20		1482.5								
	510	00200	06 - 29	14.60	27.22	00.217	1479.0								
	OAS	00500	36.29	34.600	27.22		1479.0								
	OBS	00206	06.42	34.690	27.27		1477.7								
	OBS	00213	06.25	34.630	27.25		1479.1								
	OBS	00217	06.35 06.05	34.730 34.690	27.32		1479.7								
	STO	00250	05.29	34.57	21•32 21•32	00.259	1475.7								
	OBS	00250	05.29	34.570	27.32	00.277	1475.7								
	CRS	00267	05.20	34.620	27.37		1475 - 7								
	195	00278	05.29	34.640	27.38		1476.3								
	ST0 385	00300 00300	04.98 04.98	34.63	27.41	00.297	1475.4								
	085	00300	04.96	34.630 34.680	27.41 27.45		1475.4								
	18.5	00103	05.10	34.670	27.42 •		1476 -1								
	785	00313	04.97	34.680	27.45		1475.6								
	URS	00360	06.54	34.990	27.49		1483.1								
	5 T D 3 R S	004 00	06.24	34.98	27.53	00.364	1482.6								
	JBS	00400	06.24 05.71	34.980 35.000	27.53 27.61		1482.6								
	OHS	00450	05.74	35.000	27.61		1481.4								
	510	00500	05.27	34.96	27.63	00.422	1480.3								
	095	00500	05.21	34.960	27.63		1480.3								
	) P S	00550	05-05	34.960	27.66		1480.2								
	5 T O O H S	005 00 006 00	05.01 05.01	35.02 35.020	27.71 27.71	00.472	1491+0 1481+0								
	DAS	00640	04.92	35.020	27.72		1481.3								
	1185	00673	04.95	35.000	27.70		1481.9								
	19.5	08 and	04.85	35-010	27.72		1481.6								
	STD	00700	04. A3	35.03	21.74	00.518	1481.9								
	085 510	00700	04.83	35.030	27-74	20 5.2	1481.9								
	13 B S	00800 00800	04.57 04.57	34.99 34.990	21.14 21.74	00.563	1482.4								
	510	00900	04.30	34.99	27.77	00 - 60 7	1482.4								
	ORS	00900	04.30	34.490	21.11	-5.901	1483.0								
	UBS	00923	04.33	34.970	27.75		1483.5								
	085	00945	04+36	34.990	27.76		1484.0								
	285 285	00960 00990	04.28 04.30 P	34.990 34.950	27.77 21.740*		1483.9								
	085	00441	04.13	34.950	27.75		1483.7								
	510	01000	04.11	34.95	27.76	00.651	1483.8								
	085	01000	04.11	34.950	27.76		1483.8								
	OBS	01017	04.07	34.950	27.76		1483.9								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

ONSEC AT	31 - 8296 0116 44 58 - 9 946 28 - 4	8 MO!	13 1972 17H 05 1 15 JR 06±0	SHIP EV DATA USE APEA	#ET 1 848	TEMP 03.0 BULB 03.0 DMFTP 1029.0 UD T/A	3 27		#INO-OLR HIND-SPD HINO-FOR HIND-SHI	15	DURAT		00.2	5	N 50 P SOUARE SOUARE SOUARE SALUES	4
CASTA	NUM/TEME	LVLTYR	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	JX46	P ) 4	101 P					
	06.0	510	00000	05.06	33.74	26.69	00.000			r / 4	101 2	MOS	NO3	\$133	P4	
	00.0	08.5 08.5	00000	05.06	33.740	26.69	00.000	1469.6								
		510	00010	05.39 05.37	33.820	26.72		1471.2								
		085	00010	05-37	33.81 33.810	26.71	90.014	1471-1								
		nes.	00014	05.17	33.790	26.71 25.72		1471-1								
		510 085	00020	05.33	33.87	26.76	00.027	1470.3								
		510	00020	05.33	33.870	26.76		1471.2								
		085	00030	05.61 05.61	33.95 33.950	26.79	00.039	1472.6								
		DBS	00038	05.67	33.940	26.79		1472.6								
		385	00047	05.64	33.940	26.78 26.78		1473.0								
		51g g8g	00050	05.32	33.91	26.80	00-065	1473.0								
		510	00068 00075	04.60	33.840	26.82	00-00)	1468.9								
		285	00078	05.03 05.11	33.88	26.81	00.096	1470-9								
		985	00087	05.00	33.890 33.890	26.81		1471.3								
		510	00100	03.19	33.92	26.82 27.03	00 135	1471 - 0								
		U8 S OB S	00100	03.19	33.920	27.03	00.125	1463.6								
		510	00101 00125	03.10	34-020	27.12		1463.4								
		085	00125	03.76	34.25	27.24	00.149	1466.9								
		0.85	00147	04.42	34.250 34.410	27-24		1466.9								
		STO	00150	04.37	34.38	27.29 27.28	00.170	1470 .2								
		785 785	00150	04.37	34.380	27.28	00-170	1470.0								
		510	00178 00200	05.19	34.550	27.32		1474.1								
		085	00200	04.29 04.29	34.47	27.36	00.209	1470.7								
		085	00210	04.46	34.470 34.510	27.36 27.37		1470 - 7								
		085	00222	04.23	34.520	27.40		1471.6								
		STO DBS	00250 00250	05.05	34 - 74	27.48	00.244	1470.8								
		085	00255	05.05 05.23	34.740	27.48		1475.0								
		085	00265	05.14	34 • 740 34 • 750	27.46		1475.8								
		510	00300	05.41	34.36	27.48 27.54	00 27-	1475.6								
		08.5 08.5	00300	05.41	34.860	27.54	00.275	1477.4								
		085	00310	05.39	34.850	27.53		1477.4								
		785	00340	05.39 05.29	34.870	27.55		1477.9								
		DAS	00347	05.29	34.870 34.900	21.56		1477.6								
		DBS	00359	05-20	34.890	27.57 27.59		1478-2								
		ORS	00364	05.25	34.910	27.60		1477.6								
		510 085	00400	05.22	34.94	27.62	00.331	1477.7								
		085	00407	05.22 05.22	34.940	27.62		1478.4								
		085	00410	05.26	34.970 34.960	27.65		1478.6								
		STO	00500	05.24	35.00	27.63 27.67	00 303	1479.8								
		085 085	00500	05.24	35.000	21.67	00.382									
		DBS	00509	05.25	34.990	77.66		1480.2 1480.4								
		085	00590	04.90	34.970	27.68		1479.3								
		STD	005 00	04.74 04.65	34.950 34.96	27.69		1479.6								
		D8 5	00600	04-65	34.960	27.71 27.71	00.430	1479.4								
		085 D85	00640	04.35	34.900	27.69		1479.4								
		085	00655 00668	04-34	34.890	27.68		1478.7 1478.9								
		STO	00700	04.22	34.880	27.69		1478.6								
		085	00700	04.21 04.21	34.89 34.890	27-70	00.477	1479.1								
		085	00750	04.13	34.931	27.70 27.74		1479.1								
		085 510	00785	04.20	34.952	27.75		1479.7								
		-510 -185	00800	04.17	34.94	27.74		1480.6 1480.7								
		570	00800	04.17	34.940	27.74		1480.7								
		DBS	00900	04.10	34.94 34.941	27.75		1482-1								
		510	01000	04.01	34.93	27.75		1482.1								
		085	01000	04.01	34.933	27.75		1 4 93 • 4								
		285	01050	03.95	34.925	27.75		1483.4 [483.9								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

PFF10 31 CUNSEC LAT 45 LONG 047	R796 0119 [7 N	MONT YAG	1972 H 05 15 09•0	80TDP 03036 SH1P EV D4T4 USE 1 AREA 05	WET BARO			GT PER 2 2	alnd-olr HIND-SPO HINO-FOR HEATHER	1.0	TRACE		09 0 F R 0 03 • 2	5	N SO 130 SQUARE SQUARE 4 SQUARE 5
CASTNUM	71146	LVLTYP	пертн	T E MP	SAL	51544-1	0 YND P YH	SND VEL	JXY G	P )4	TOT P	NO?	NO3	5133	PH
		STO	00000	05.74	33.96	26.79	00.000	1472.7							
	09.0	085	00000	05.74	33.960	26.79		1472.7							
		510	00010	05.73	33.96	26.79	00.013	1472.8							
		085	00010	05.73	33.960	26.79		1472 -R							
		510 085	00020	05.78 05-78	33.77	26.79 26.79	00.025	1473 - 2							
		5*0	00030	05-78	33.970 33.97	25.79	00.038	1473.2							
		DRS	00033	05.78	33.970	26.79	00.030	1473.3							
		ORS	00034	05.78	33.970	26.79		1473.4							
		∂RS.	00042	03.87	33.840	26.90		1465.4							
		5 f D	00050	03.83	33.97	20.93	00.062	1465.4							
		ORS	00052	03.93	33.870	26.93		1465.4							
		085	00065	04.24	34.070	27.00	00.090	1467.6							
		STN DRS	00075 00075	05.38 05.38	34.19 34.190	27•01 27•01	00.090	1472.7							
		085	68000	04.64	34.080	27.01		1469.8							
		510	00100	03.38	34.10	27.15	00-115	1464.7							
		095	00100	03.38	34.100	27.15		1464.7							
		ORS	00109	03.55	34.180	27.20		1465 . 6							
		ORS	00115	03+49	34.170	27.20	_	1465.4							
		510	00125	04.58	34.37	27.25	00.137	1470.5							
		98.5 08.5	00125	04.58	34.370	27.25		1470.5							
		URS	00128	04.35 04.97	34.410 34.500	27.30 27.30		1469.6							
		510	00150	04.56	34.45	27.31	00.157	1470.9							
		UBS	00150	04.56	34-450	27-31		1470.9							
		^8 S	00160	05.06	34.570	27.35		1473.3							
		085	00175	05.43	34.670	27.38		1475.2							
		STO	00200	05.16	34.64	27.39	00.195	1474.5							
		095	00200	05.16	34.640	27.39		1474.5							
		085 985	00202 00230	05.47	34.660 34.790	27.42 27.47		1474.1							
		STO	00250	05.45	34.81	27.49	00.229	1476.7							
		ORS	00250	05.45	34.810	27.49	00.22	1476 . 7							
		OBS	00274	04.96	34-800	27.54		1475 . 1							
		085	00290	05.34	34.970	27.55		1477.0							
		510	00300	05.27	34.86	27.55	00.259	1476.9							
		085	00300	05.27	34.860	27.55		1476.9							
		ORS ORS	00319	05.20	34.900 34.890	27.59 27.50		1477.0							
		OR 5	00340 00360	05.26 05.19	34.870	27.57		1477.5							
		085	00370	05.01	34.880	27.60		1477.0							
		ORS	00382	05.19	34.950	27.63		1478.0							
		STD	00400	05-02	34.92	27.63	00.314	1477.6							
		nes	00400	05-02	34.920	27.63		1477.6							
		085	00440	04.86	34.930	27.66		1477-6							
		STD OBS	005 00 005 00	05.01 05.01	34.98 34.980	27.68 27.68	00.364	1479.3							
		510	00600	04.51	34.96	27.72	00.411	1478.8							
		280	00600	04.51	34.965	27.72		1478.0							
		ORS	00640	04.27	34.950	27.74		1478.5							
		510	00700	04.25	34.96	27.75	00-454	1479.4							
		085	00700	04.25	34.960	27.75		1479-4							
		510	00800	04.16	34.96	27.76	00.497	1480.7							
		nas sto	C0900	04-16	34.960	27.76	00 540	1480.7							
		STD OBS	00907	04.06 04.06	34.95 34.955	21.77 27.77	00.540	1481.9							
		510	01000	03.99	34.94	27.76	00.583	1483.3							
		085	01000	03.99	34-945	27.76		1483.3							
		SID	01100	03.93	34.95	27.78	00.627	1484.7							
		08.5	01100	03.93	34.950	27.78		1484.7							
		085	01110	03.93	34.945	27.77		1484.9							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

CASTNOW/TIP: LVLTV0   DEPT:   TEMP   SAL   SIDHA-T   DYNOPH   SNO VEL   DXTG   P34   TOT   V32   V03   S133   P4	PEFID 31 8296 CONSEC 0120 LAT 45 33 N LCNG 047 28 H	MUNT	1972 + 05 15 12.1	80TOP 02012 SHIP EV OATA USE 1 AREA 05				GT PER Z 2	WIND-DIR WIND-SPD WIND-FIR WENTHER		TRACE		03.2	5 2	N 52 13: Sydare Sydare ( Sodare (	46
12.1	CASTNUM/TIME	LVLTYD	3E b 1 H	TEMP	SAL	515M4-1	DYNOPTH	SND VEL	OX¥ G	P ] 4	tor P	40 <sup>2</sup>	NO3	5133	P 4	
STID   00110		510	00000	01.12	33.30	76.69	00.000	1452.0								
985 0010 01.06 31.05 31.05 22.70 1491.9  \$10 0020 -2.15 31.45 22.86 00.026 1491.5  \$10 0030 -2.15 31.45 22.86 00.026 1491.5  \$10 0030 00.42 31.72 27.07 00.05 1490.5  \$10 0030 00.42 31.72 27.07 00.05 1490.5  \$10 0030 00.42 31.72 27.07 00.05 1490.5  \$11 0030 00.97 31.870 27.16 1490.5  \$11 0030 00.97 31.870 27.16 1490.5  \$11 0030 00.97 31.870 27.16 1490.5  \$11 0030 00.97 31.870 27.16 1490.5  \$11 0030 00.97 31.870 27.16 1490.5  \$12 0035 00.05 31.810 27.16 1490.5  \$13 0035 00.05 31.810 27.16 1490.5  \$13 0010 00.05 34.02 27.11 00.10 1490.5  \$13 0010 00.05 34.02 27.11 00.10 1490.5  \$13 0010 00.25 34.02 27.11 00.10 1490.5  \$13 0010 00.25 34.02 27.11 00.10 1490.5  \$13 0010 00.25 34.02 27.11 00.10 1490.5  \$14 00.15 00.15 00.05 34.00 27.71 100.10 1490.5  \$15 0010 00.25 34.00 27.71 100.10 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 27.71 1490.5  \$15 0010 00.25 34.00 34.00 27.00 27.17 1490.5  \$15 0010 00.25 34.00 34.00 27.00 27.17 1490.5  \$15 0010 00.25 34.00 34.00 27.00 27.17 1490.5  \$15 0000 00.25 34.00 34.00 27.00 27.17 1490.5  \$15 0000 00.25 34.00 34.00 27.00 27.17 1490.5  \$15 0000 00.40 34.00 34.00 27.00 27.17 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27.18 1490.5  \$15 0000 00.40 34.00 27	12.1															
\$10							00.014									
STO   0.00   0																
045 30013 - 0.33 13.570 20.99 1460.1  085 00147 00.46 33.700 22.05 1590.3  087 00050 00.46 33.72 27.07 00.09 1590.3  087 00050 00.47 33.72 27.07 00.09 1590.3  087 00050 00.47 33.72 27.07 00.09 1590.3  087 00050 00.07 33.800 27.16 1440.1  185 00068 00.07 33.800 27.16 1440.1  185 00068 00.07 33.800 27.16 1440.1  186 00075 00.09 33.41 27.16 00.08 1440.2  310 00100 00.55 33.02 27.31 00.104 1440.2  311 00100 00.55 33.02 27.31 00.104 1440.2  317 00125 01.71 34.25 27.42 00.102 1450.0  185 00125 01.71 34.25 27.47 1450.2  185 00125 01.71 34.25 27.47 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1462.9  185 00125 01.71 34.20 27.51 1471.8  186 00250 01.44 34.10 27.57 1471.8  187 00250 01.44 34.00 27.50 1462.9  188 00250 01.44 34.00 27.50 1462.9  188 00250 01.44 34.00 27.50 1471.3  186 00250 01.47 34.47 27.51 1471.8  186 00250 01.47 34.47 27.51 1471.8  187 00100 01.47 34.47 27.50 1471.8  188 00250 01.47 34.47 27.50 1471.9  188 00250 01.47 34.47 27.58 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  189 00250 01.47 34.47 27.50 1471.9  180 00250 01.47 34.47 27.50 1471.9  181 00000 01.47 34.47 27.50 1471.9  181 00000 01.47 34.47 27.50 1471.9  181 00000 01.47 34.47 27.50 1471.9  181 00000 01.47 34.47 27.50 1471.9  181 00000 01.47																
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085 00050 00, 42 33,720 27,07 1450.3  185 00056 00, 97 33,800 77,16 1450.3  185 00066 00, 07 37,800 77,16 1450.3  185 00066 00, 07 37,800 77,16 1440.1  185 00067 00, 00, 03 31,800 77,16 1440.2  186 00075 00, 00, 03 31,800 77,16 1440.2  187 00100 00, 50 34,02 27,31 00, 10, 1452.0  188 00130 00, 55 34,02 27,31 00, 10, 10, 1452.0  188 00120 01, 17 34,25 77,42 09, 112 1458.0  187 00123 01, 17 34,25 77,42 09, 112 1458.0  187 00123 01, 17 34,25 77,42 09, 112 1458.0  187 00120 03,25 34,52 27,75 00, 13 1465.5  187 00150 03,25 34,52 27,75 00, 13 1465.5  187 00150 03,25 34,52 77,50 00, 13 1465.5  187 00150 03,25 34,52 77,57 00, 167 1461.0  187 00130 02,27 34,52 77,57 00, 167 149,77 147,18							00.059									
Fig.   1907						27.07	00,00,									
195																
185		185						1449.1								
\$1D 00100 00.5% 34.020 27.11 1452.0 \$18 00130 00.5% 34.020 27.11 1452.0 \$18 00125 01.71 34.25 27.42 1458.0 \$18 00125 01.71 34.25 27.42 1458.0 \$18 00125 01.71 34.25 27.42 1458.0 \$18 00125 01.71 34.25 27.42 1458.0 \$18 00125 01.71 34.25 27.42 1458.0 \$18 00125 01.71 34.410 27.50 1468.0 \$10 00130 02.11 34.410 27.51 1468.0 \$10 00200 04.00 34.70 27.51 1471.8 \$10 00200 04.00 34.70 27.57 1471.8 \$10 00200 04.01 34.70 27.57 1471.8 \$10 00250 04.41 34.70 27.57 1471.8 \$10 00250 04.44 34.80 27.60 00.194 1472.5 \$10 00200 04.42 34.91 27.62 1472.3 \$10 00200 04.42 34.91 27.63 1473.3 \$10 00200 04.42 34.91 27.63 1473.3 \$11 00100 04.42 34.91 27.63 1473.3 \$18 00100 04.42 34.93 27.66 1473.3 \$18 00100 04.42 34.93 27.66 1473.3 \$18 00100 04.42 34.93 27.66 1473.3 \$19 00400 04.27 34.810 27.66 1473.3 \$10 00400 04.27 34.810 27.66 1473.3 \$10 00400 04.27 34.810 27.66 1473.3 \$10 00500 04.57 34.90 27.68 1473.3 \$10 00500 04.57 34.90 27.68 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.70 1473.4 \$10 00500 04.57 34.90 27.75 1473.4 \$10 00500 04.57 34.90 27.75 1473.4 \$10 00500 04.57 34.90 27.75 1473.4 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.50 35.013 77.76 1480.0 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.57 34.90 27.75 1470.6 \$10 00500 04.60 04.60 04.60 04.90 04.60 04						27.16	00.083	1449.2								
385																
\$\frac{\frac{5}{10}}{28}\$ 00125  01.71  34.25  \frac{7}{2.76}   \							00-104									
"AS 00125 01.71 34.250 27.47 1462.9  085 00150 03.25 34.520 27.47 1662.9  085 00150 03.25 34.520 27.50 00.13# 1465.5  085 00150 03.25 34.520 27.50 1465.5  085 00150 03.25 34.520 27.50 1461.0  085 00215 04.41 34.600 27.57 1471.8  185 00250 04.21 34.710 27.57 1471.1  187 00250 04.43 34.60 27.57 1471.1  188 00250 04.43 34.60 27.57 1471.1  188 00250 04.43 34.80 27.60 00.144 1472.5  188 00250 04.45 34.80 27.60 00.144 1472.5  188 00250 04.45 34.80 27.60 00.144 1472.5  188 00250 04.45 34.80 27.60 1473.3  188 00300 04.42 34.81 27.63 00.220 1473.3  188 00300 04.42 34.81 27.63 00.220 1473.3  188 00300 04.42 34.80 27.63 1473.3  188 00300 04.47 34.80 27.66 1473.3  189 00312 04.32 34.80 27.66 1473.1  189 00400 04.27 34.80 27.68 1474.4  188 00400 04.27 34.80 27.68 1474.4  188 00400 04.27 34.80 27.68 1474.4  188 00400 04.27 34.80 27.68 1474.4  189 00400 04.27 34.80 27.68 1474.9  189 00400 04.27 34.80 27.68 1474.9  189 00400 04.27 34.80 27.68 1474.9  189 00400 04.57 34.80 27.68 1474.9  189 00400 04.57 34.80 27.68 1474.9  189 00400 04.57 34.80 27.68 1474.9  189 00400 04.57 34.80 27.69 1477.2  189 00400 04.57 34.80 27.69 1477.2  189 00400 04.57 34.90 27.70 1477.8  189 00400 04.57 34.90 27.70 1477.8  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.57 34.90 27.70 1477.4  189 00400 04.60 34.90 27.77 1479.0  189 00400 04.60 34.90 27.77 1479.0  189 00400 04.60 34.90 27.77 1479.0  189 00400 04.60 34.90 27.77 1479.0  189 00400 04.60 34.90 27.77 1480.4  189 00400 04.60 34.90 27.77 1480.4  189 00400 04.60 34.90 27.77 1480.4  189 00400 04.60 34.90 27.77 1480.4  189 00400 04.60 3																
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USS   O0180   O2.13   34.410   27.51   1401.0							33.0									
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ABS         00225         04.21         34.710         27.57         1471.1           STD         00250         04.44         34.80         27.60         00.194         1472.5           BBS         00259         04.54         34.80         27.60         1472.5           SID         00300         04.42         34.83         27.63         00.220         1473.3           IAS         00312         04.12         34.83         27.64         1473.1           JAS         00312         04.13         34.830         27.64         1473.1           JAS         00340         04.37         34.830         27.64         1473.1           BS         00400         04.27         34.870         27.66         1473.8           BS         00400         04.27         34.870         27.68         1474.4           BS         00430         04.27         34.880         27.68         1474.4           BS         00430         04.27         34.880         27.68         1474.9           BS         00430         04.27         34.880         27.68         1474.9           BS         00450         04.53         34.940         27.69		510	00200				00.167									
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510 00500 04.53 35.00 27.75 00.359 1470 0 085 00600 04.53 35.005 27.75 1479.0 085 00614 04.54 34.970 27.73 1479.2 1185 00622 04.44 35.005 27.76 1479.0 185 00639 04.52 34.990 27.74 1479.6 185 00655 04.42 34.990 27.75 1479.4 185 00665 04.42 36.990 27.75 1479.4 185 00665 04.42 36.990 27.76 1480.0 085 00685 04.37 35.005 27.77 149.7 510 00700 04.40 34.995 27.76 1480.1 186 00700 04.40 34.995 27.76 1480.1 187 00705 04.45 35.005 27.77 1480.1 188 00725 04.45 35.005 27.76 1480.7 188 00733 04.34 34.980 27.76 1480.7 188 00745 04.40 34.990 27.76 1480.8 510 00800 04.31 34.99 27.76 1480.8 510 00800 04.31 34.99 27.77 1480.4 188 00900 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.99 27.77 1480.4 189 00800 04.31 34.975 27.77 1480.4 189 00800 04.31 34.975 27.77 1480.4 189 00900 04.16 34.970 27.77 10.480.4 189 00900 04.16 34.970 27.77 10.480.4 189 00900 04.16 34.970 27.77 10.480.4 189.4																
PAS 00600 04-53 35.005 27.75 1479.0 PBS 00614 04.54 34.970 27.73 1479.2 PBS 00627 04-44 35.005 27.76 1479.0 PBS 00639 04-52 34.990 27.74 1479.6 PBS 00655 04.42 36.990 27.75 1479.4 PBS 00670 04.50 35.013 27.76 1480.0 PBS 00688 04.37 35.005 27.77 1479.7 PBS 00700 04.40 34.995 27.76 00.401 1480.1 PBS 00705 04.40 34.995 27.76 1480.1 PBS 00725 04.45 35.005 27.76 1480.1 PBS 00725 04.45 35.005 27.76 1480.1 PBS 00725 04.40 34.995 27.76 1480.1 PBS 00744 04.40 34.990 27.76 1480.4 PBS 00745 04.40 34.990 27.76 1480.9 PBS 00745 04.40 34.990 27.76 1480.4 PBS 00745 04.40 34.990 27.76 1480.4 PBS 00745 04.40 34.990 27.76 1480.4 PBS 00745 04.41 34.990 27.76 1480.4 PBS 00900 04.31 34.989 27.77 1481.4 PBS 00900 04.31 34.989 27.77 1481.4 PBS 00900 04.31 34.989 27.77 1481.4 PBS 00900 04.16 34.975 27.77 1481.4 PBS 00900 04.16 34.975 27.77 1482.4 PBS 00900 04.16 34.975 27.77 1482.4 PBS 00900 04.16 34.975 27.77 1482.4 PBS 00900 04.16 34.975 27.77 1483.6							00.359									
185																
HS				04.54		27.73		1479.2								
185 00655 04.42 34.990 77.75 1480.0 185 00670 04.50 35.013 27.76 1480.0 185 00685 04.37 35.005 27.77 1479.7 510 00700 04.40 34.99 27.76 00.401 1480.1 185 00725 04.45 35.005 27.76 1480.1 185 00733 04.34 34.980 27.76 1480.7 185 00745 04.40 34.990 27.76 1480.8 510 00800 04.31 34.99 27.77 1480.8 510 00800 04.31 34.99 27.77 1481.4 085 00852 94.31 34.975 27.75 1482.2 510 00900 04.16 34.975 27.75 1482.2 510 00900 04.16 34.970 27.77 00.486 1482.4 185 00900 04.16 34.970 27.77 00.486 1482.4 185 00900 04.16 34.970 27.77 00.486 1482.4 185 00900 04.16 34.970 27.77 00.486 1482.4 185 00900 04.16 34.970 27.77 00.486 1482.4 185 00900 04.16 34.970 27.77 10.594 1483.6																
HRS																
185 00.685 04.37 35.005 27.77 1479.7 570 00.709 04.40 34.999 77.76 00.401 1480.1 185 00.709 04.40 34.995 27.76 1480.1 185 00.725 04.45 35.005 27.76 1480.7 186 00.733 04.34 34.980 77.76 1480.4 185 00.745 04.40 34.990 27.76 1480.4 185 00.745 04.40 34.990 27.76 1480.8 570 00.800 04.31 34.99 27.77 00.443 1481.4 186 00.700 04.31 34.99 27.77 1481.4 187 00.700 04.51 34.975 77.75 1481.4 188 00.700 04.51 34.975 77.75 1481.4 188 00.700 04.51 34.975 77.75 1481.4 188 00.700 04.51 34.975 77.75 1481.4 189 00.700 04.51 34.975 27.77 00.486 1482.4 189 00.700 04.50 34.975 27.77 00.529 1483.6 189 01.000 04.06 34.965 27.77 1483.6																
510 03709 04.40 34.99 77.76 00.401 1480.1  185 00725 04.45 35.005 27.76 1480.7  185 00733 04.34 34.980 77.76 1480.4  185 00745 04.40 34.980 77.76 1480.9  510 00800 04.31 34.990 27.77 00.443 1481.4  185 00900 04.31 34.99 27.77 00.443 1481.4  185 00900 04.31 34.989 27.77 1481.4  186 00900 04.31 34.989 27.77 1481.4  187 00900 04.16 34.97 27.77 00.483 1482.4  510 00900 04.16 34.97 27.77 00.483 1482.4  510 00900 04.16 34.97 27.77 1482.4  510 01000 04.06 34.965 27.77 1483.6																
185   00700   04.40   34.995   77.76   1480.1   1480.7   1485   00725   04.45   35.005   27.76   1480.4   1480.4   1480.4   185   00733   04.34   34.980   27.76   1480.4   1480.8   185   00745   04.40   34.990   27.76   1480.8   1480.8   185   00800   04.31   34.989   27.77   00.443   1481.4   085   00852   04.31   34.989   27.77   1481.4   085   00852   04.31   34.975   27.77   1482.2   1482.4   185   00900   04.16   34.975   27.77   00.486   1482.4   185   00900   04.16   34.975   27.77   1482.4   1483.6   1482.4   1483.6							00 401									
185 00733 04.34 34.980 77.76 1480.7 185 00733 04.34 34.980 77.76 1480.4 185 00745 04.40 34.990 27.76 1480.9 510 00800 04.31 34.99 27.77 04.43 1481.4 188 00800 04.31 34.99 27.77 1481.4 188 0080 04.31 34.99 27.77 1481.4 188 00802 04.31 34.975 77.75 1482.2 510 00900 04.16 34.975 77.75 1482.2 510 00900 04.16 34.970 27.77 00.486 1482.4 185 00900 04.16 34.970 27.77 00.486 1482.4 570 01000 04.06 34.965 27.77 00.529 1483.6							00.401									
185 0733 04.34 34.980 77.76 1480.4 185 0745 04.40 34.990 27.76 1480.8 510 00800 04.31 34.990 27.77 00.443 1481.4 085 00900 04.31 34.989 27.77 1481.4 085 00952 04.31 34.975 77.75 1482.2 510 00900 04.16 34.97 27.77 00.486 1482.4 185 00909 04.16 34.970 27.77 1482.4 570 01000 04.06 34.96 27.77 00.529 1483.6 085 01000 04.06 34.965 27.77 00.529 1483.6																
185 00745 04-40 34-990 27.76 1480-8 510 00800 04-31 34-99 27.77 00.443 1481-4 185 00400 04-31 34-989 27.77 1481-4 185 00852 94-31 34-975 77.75 1482-2 510 00900 04-16 34-97 27.77 00.486 1482-4 185 00000 04-16 34-970 27.77 1482-4 570 01000 04-06 34-96 27.77 00-529 1483-6 185 01000 04-06 34-965 27.77 00-529 1483-6			00733													
085 00900 04-31 34-989 27.77 1481.4 085 00952 04-31 34-975 27.75 1482.2 510 00900 04-16 34-97 27.77 00.486 1482.4 185 00909 04.16 37.770 27.77 1482.4 510 01000 04-06 34-96 27.77 00.529 1483.6 085 01000 04-06 34-965 27.77 1483.6		78S	00745	04.40	34.990	27.76		1480-8								
085 00852 94.31 34.975 27.75 1482.2 510 00900 04.16 34.97 27.77 00.486 1482.4 785 00900 04.16 34.970 27.77 1482.4 510 01000 04.06 34.96 27.77 00.529 1483.6 085 01000 04.06 34.965 27.77 1483.6							00.443									
510 00900 04.16 34.97 27.77 00.486 1482.4 185 00909 04.16 34.970 27.77 1482.4 510 01000 04.06 34.96 27.77 00.529 1483.6 0185 01000 04.06 34.965 27.77 1483.6																
785 00000 04.16 34.970 27.77 1482.4 570 01000 04.06 34.96 27.77 00-529 1483.6 (185 01000 04.06 34.965 27.77 1483.6																
570 01000 04.06 34.96 27.77 00-529 1483.6 (185 01000 04.06 34.965 27.77 1483.6							00.486									
085 01000 04.06 34.965 27.77 1481.6							00-530									
							VU- 32 9									
					34.970			1484.1								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296,—Continued

REFIO 31 8296 CONSEC 0121 LAT 45 42 N LONG 047 42 W	T POM Y A O	1972 1 05 15 13.9	ADTOP 01335 SHIP EV OATA USE 1 AREA OS	WET "	9ULB 05.0 4ETR 1032.2		GT PER 2 2	HTND-SPD HTND-SPD HTND-FDR HEATHER	33	TRACI	STD REC E DIR TION TIP III	03.2	5 2	E CZ P 3PAUCZ 3PAUCZ 3PAUCZ	46
CASTNUM/TIME	LVLTYP	0EPTH	TEMP	SAL	SICHA-F	DYNOPTH	SNO VEL	TXYG	P 74	TOT P	402	NO3	5133	РЧ	
	STO	00000	01.27	33,34	25.72	00.000	1452.7								
13.8	085	00000	01.27	33.340	26.72	00.000	1452.7								
	\$10	00010	00.72	33,41	26.81	00.013	145).5								
	085	00013	00.72	33.410	26.81	******	1450 • 5								
	510	00022	00.65	33,42	25.82	00.025	1450.4								
	085	00023	00.65	33,420	26.82		1457.4								
	STO	00037	00.36	33.64	27.01	00.237	1449.5								
	08.5	00033	00.36	33.640	27.01		1449.5								
	085	00033	00.31	33-770	27.12		1449.5								
	510	00050	00.39	33.97	27.28	00.055	1450.5								
	085	00050	00.39	33.970	27.28		1450.5								
	STO	00075	00.39	34.02	27.32	00.075	1450.7								
	085	00075	00.38	34.020	27.32		1450.9								
	Sto	00100	00.90	34.17	27.41	00-093	1453 - 9								
	085	00100	00.90	34.170	27.41		1453.9								
	510	00125	01-65	34.31	27.47	00.110	1457.8								
	510	00150	02.32	34.44	27.52	00.125	1461 - 4								
	085	00150	02.32	34 - 440	27.52		1461.4								
	510	00200	03.43	34.64	27.5 B	00.153	1467.3								
	085	00200	03.43	34-640	27.58		1467.3								
	085	00212	03.57	34.670	27.59		1468.1								
	085	00220	03.49	34.630	27.57		1467.8								
	<b>\$1</b> ,	00250	03.87	34.75	21-62	00.179	1470.1								
	085	00253	03.87	34.750	27.62		1470.1								
	STO	00300	04.08	34.81	27.65	00.203	1471.9								
	085	00100	04.08	34.R10	27.65		1471.9								
	510	00400	04.21	34.90	27.71	00.249	1474.2								
	085	00400	04.21	34.905	27.71		1474 - 2								
	085	00477	04-21	34,924	21,72		1475.5								
	510	00500	04-16	34.93	27.73	00.292	1475.7								
	085	00500	04.16	34.926	27.73		1475.7								
	STO	00400	04.07	34.93	27.74	00.334	1477.0								
	085	00600	04.07	34-930	27.74		1477.0								
	STO	00700	04.05	34.93	21.75	00.377	1479.5								
	085	00700	04.05	34.928	27.75		1478.5								
	STO	00800	04.02	34,93	27.75	00.420	1480.1								
	085	00800	04.02	34.931	27.75		1490.1								
	STO	00900	03.98	34.93	21.76	00-463	1481 - 6								
	085 510	00900	03.98	34.932	27.76		1481.6								
		21000	03.93	34.93	27.76	00.507	1483.0								
	08S 08S	01000	03.93	34.932	27.76		1483.0								
	003	01025	03.93	34.931	27.76		1483.4								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFLO CONSEC LAT LONG	45	0122 48 N	УЕ\$ <sup>Р</sup> 19 <b>7</b> 2 ₩ПЧТЧ 05 ОАУ 15 НППЯ 15.6		BOTOP 00914 SHIP EV DATA USE I AREA 05	AIR TEMP 03.3 4ET BULB 02.2 BAPOMETP 1031.8 CLOUD 1/A		OIR HGT PER 25 2 2 SEA CL/TP		464 THE S MINO-ED MINO-ED MINO-ED MINO-DIR	15	DUBA	STO BEI E DIB Tion - Tip il	00.1	5 2	N SQ 1306 SQUARE 4 SQUARE 46 SQUARE 57	DARE 46
CAST	NU <sup>M</sup> /	TIME	LVLTYP	NEPTH	TEMP	SAL	T-44212	DYNOPTH	SNO VEL	UXY G	P)4	1 O1 P	402	NO3	5133	Pi	
			STD	00000	- 0.09	32.95	26.4A	00.000	1446.0								
				00000	- 0.07	32.950	26.48		1446 • 0								
		15.6	18 \$	00000	- 0.36	32.91	76.46	00.016	1444.9								
			210	00010	- 0.36	32.910	26.46		1444.7								
			08.5 5.10	00010	- 0.54	32.46	26.51	00.031	1444.3								
			385	00020	- 0.54	32.460	26.51		1444.3								
			510	00020	- 0.71	32.97	26.52	00.047	1443.7								
			PRS	00030	- 0.71	32.970	26.52		1443.7								
			บหร	00047	- 1.38	33.280	76.79		1441.2								
			STD	00050	- 1.34	33.35	26.85	00.074	1441.6								
			285	00050	- 1.34	33.350	26.95		1441.6								
			STD	00075	- 1.01	33.52	25.98	00-103	1443.9								
			DAS	00075	- 1.01	33.520	26.98		1443.5								
			STO	00100	- 0.49	33.65	27.06	00.129	1446 • 9								
			385	00100	- 0-49	33.650	27.06		1446.8								
			510	00125	- 0.16	33.72	27.10	00.153									
			i38.5	00125	- 0.15	33-720	27.10		1448.8								
			118	00130	- 0.29	33.770	27.15		1448-4								
			385	00145	- 0.29	33.990	21.24	00.176									
			S <b>T</b> D	00150	- 0.27	33.92	21.27	00.110	1447.0								
			1) A S	00150	- 0.27	33.920	27.27		1453.2								
			JHS	00160	00.52	34-180	27.44	00.211	1458.6								
			510	00707	01.54	34.37	27.48	00.211	1458.6								
			185	00200	01.54	34 - 320	27.48 27.48		1460.5								
			nas.	00225	01.87	34.350 34.40	27.51	00.241	1461.6								
			510	00250	02.02	34.400	27.51	00.2 **	1461.6								
			()A.S	00250	02.02	34.490	27.58		1462.7								
			08.5	00288	02.39	34.52	27.58	00.270	1464.3								
			510	00300	02.39	34.520	27.58	000	1464.3								
			085 5 <b>1</b> 0	00400	03.47	34.79	27.69	00.319	1470.9								
			085	00400	03.47	34.786	27.69		1470.9								
			185	00440	03-94	34.887	21.72		1473.7								
			510	00500	04-03	34.92	27.74	00.362	1475.1								
			DBS	0050)	04.03	34.920	27.74		1475 - 1								
			5.0	00400	04 • 06	34.93	27.75	00.403	1476.9								
			085	00400	04.06	34.930	27.75		1476.9								
			STO	00700	04.02	34.93	27.75	00.445	1478.4								
			THS	00700		34.935	27.75		1478.4								
			510	00800	04.02	34.93	27.15	00.488									
			วลร	00900		34.930	27.75		1480.1								
							• • • •		•								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296,—Continued

REFID CONSEC LAT LONG	43	8296 0103 45 N	MONT	1972 H 05 12 18.0	RUTOP 02046 SHIP EV DATA USE I AREA 05	HET S	OLB 03.3 TETR 1022.7		IGT PER 2 2	₩14N~D1R ₩14D~\$PO #14D~F3R #84¥#8P		INST TRAC DURA ORIG	E OI	R I	OR 0E R 00.2	5	EN SQ I SQUARF SQUARF SQUARF	28
CAST	NUM/	T [ 4 E	LVLTYP	ОЕРТН	TEMP	SAL	SIGMA-T	OYNDPTH	SNO VEL	TXY G	P 74	101 P		02	101	\$1)3	ρН	
			STO	00000	00.94	32,95	26.42	00.000	1450.7									
		18.0	085	00000	00.94	32.950	26.47		1450 - 7									
			510	00010	00.70	33.04	26.52	07.016	1449.9									
			08.5	00010	00.70	33.045	24.52		1449-9									
			510	00020	00-19	33.18	26.65	00.030										
			08 S 08 S	00027 00027	00.19 00.74	33.180 33.340	26.65		1448.0									
			510	00027	00-60	33.42	26.75 24.82	00.043	1450.3									
			OAS	000 30	00.60	33-420	26.82		1450.3									
			08.5	00048	94.85	34.010	26.93		1469.9									
			510	00050	04.79	34.00	26+93	00.067	1469.6									
			785	00050	04.79	34.000	26.93		1469.6									
			08 S 08 S	00055	03.22	33.780	26.91		1462.9									
			510	00075	03.72	33.950 33.88	27.00 27.00	00.095	1465.4									
			045	00075	03.13	33.880	27.00	00.013	1462.9									
			510	00100	00.56	33.72	27.07	00.121	1451 - 7									
			085	00100	00.56	33.720	27.07		1451.7									
			ORS	00109	00.35	33.400	27.14		1451.0									
			STO	00125	00-12	33.92	21.25	00.144	1450.4									
			ORS STO	00125 00150	00.12 00.76	33.920 34.12	27.25 27.38	00 143	1450.4									
			085	001 50	00.76	34.120	27.38	00.163	1454.0 1454.0									
			510	00200	02.76	34.45	27.49	00.196	1464.1									
			OBS	00200	02.76	34.450	27.49		1464.1									
			OBS	00728	03.46	34.530	21.49		1467.7									
			085	002 37	04 - 69	34.720	27.51		1473.3									
			ŜĨŪ	00250	02.76	34.53	27.55	00.226	1465 • 0									
			085 085	00250 00261	02•76 03•93	34.530 34.680	27.55 27.56		1465.0									
			085	00268	03.13	34.580	27.56		1467.0									
			085	00271	03-62	34-70 P	27.610											
			OBS	00282	03.63	34-660	27.58 *		1469.5									
			08.5	00291	02.76	34.52 P	27.550*											
			STD	00300	02.92	34.63	27.62	00+252	1466 . 7									
			085 085	003 00 0031 2	02.92 03.46 P	34.630 34.650	21,62 27,580*		1466.7									
			085	00325	03-21	34.59 P	27.560											
			OAS	00361	03.92	34+760	27.63		1472.1									
			085	00370	03.93	34.760	27.63		1471.9									
			510	00400	03,84	34.79	27.66	00.301	1472.5									
			08 S S T D	004 00	03.84	34.790	27.66	00 1/0	1472.5									
			085	005 00 005 00	94.12 94.12	34.88 34.885	27.70 27.70	00.348	1475.4									
			STD	00600	04.13	34.90	27.72	00.393	1477.2									
			DBS	00600	04.13	34.905	21.72		1477-2									
			510	00700	04.16	34.91	27.72	00.438	1479.0									
			085	00700	04-16	34.910	27.72		1479.0									
			085	00770	04 - 22	34.930	27.73		1480.4									
			\$10 085	00800	04.17 04.17	34.93 34.930	27.73 27.73	00.483	1480.7									
			510	00900	04.17	34.93	27.74	00.52B	1482.2									
			085	00900	04.12	34.930	27.74	30.350	1482.2									
			DBS	00965	04.19	34.950	27.75		1483.6									
			085	00991	04.19	34,945	27.74		1484.0									
			STO	01000	04.18	34.93	27.73	00.575	1484+1									
			OBS OBS	01000 01050	04.18	34.930 34.930	27.73 27.74		1484.1									
			33	01030	09.12	34.430	21.14		1484.7									
							• • • • • •	******	•									

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIN 31 8296 CONSEC 0104 LAT 43 37 N LONG 049 16 W		1972 1 05 12 20.6	BOTOP 03292 SHIP EV OATA USE I AREA 05				GT PER 4 2	RIG-DEIW OPZ-OFIK RCR-OFIL REHTABL		TRAC	STO REC E DIR TION TIP 111	03.3	5 2	EN SQ 1 SQUARE SQUARE SQJARE	28
CASTNUMZILME	LVLTYP	DEPTH	TEMP	SAL	S1GM4-T	OYNOPIH	SNO VEL	OxyG	P34	TOT P	402	NO3	5133	P4	
	510	00000	01.51	33-08	25.49	00.000	1453.5								
27.6	MAS	00000	01.51	33.080	25.49	00.014	1453.5								
	5 T N N H S	00010	03.95	33.92 33.918	26.87 26.87	00.014	1465.2								
	STO	00320	03.67	33.82	26.88	00.026	1465.0								
	785	00020	03.87	33.920	26.88		1465.0								
	985	00026	03.87	33.621 33.87	26.88 25.91	00.037	1465 • 1 1465 • 9								
	510 085	00030	04.01 04.01	33.870	26.91	00.001	1465.9								
	510	00050	05.01	34.08	26.97	00.060	1470.7								
	085	00050	05.01	34.080	26.97		1470.7								
	OBS	00070	06.22	34.480	27.13	00 005	1476.4								
	510	00075	05.96	34.52	27.20 27.20	00.085	1475.5								
	185 ⊓85	00075	05.96 05.71	34.519 34.480	27.20		1474.6								
	510	00100	05.94	34.56	27.23	00-107	1475.9								
	285	00100	05.94	34.560	27.23		1475.9								
	CHS	00108	05.91	34.610	27.28		1476 • 0								
	985	00112	05.58	34.640	27.34 27.32	00.127	1474 - 7								
	5 FD	00125 00125	06 • 02 06 • 02	34.68 34.680	27.32	00.12	1476 B								
	185	00142	05.14	34.560	27.33		1473.3								
	510	00150	05.59	34.65	27.35	00.146	1475.4								
	085	00153	95.71	34.670	27.35		1475.0								
	385	00180	05.84	34.680 34.775	27+34 27+46		1477.0								
	085 510	00188	05.48 05.16	34.75	27.48	00.181	1474.6								
	ORS	00200	05.16	34.750	27.48		1474.6								
	085	00220	03.46	34.590	27.49		1469.9								
	STD	00250	05.16	34.83	27.55	00.212	1475-6								
	085	00250	05.16	34.935	27.55 27.57		1475.6								
	185 085	00260	05+32 04-93	34.890 34.835	27.57		1475 - 3								
	510	00300	05.07	34.90	27.61	00.239	1476.1								
	URS	00300	05.07	34.905	27.61		1476.1								
	nes	00303	05.15	34.912	27.61		1476.6								
	085 005	00345	94.84 05.27	34.895 34.991	21.63 21.66		1479.0								
	510	00400	04.80	34.95	27.68	00.289	1476.7								
	∩BS	00400	04.80	34.955	27.68		1476.7								
	1185	00410	04.66	34.930	27.68		1476.3								
	785	00430	04.66	34.900	27.66 27.69		1476 - 6								
	085 085	00435	04.57 04.62	34.930 34.938	27.69		1476.6								
	nes	00460	04-46	34.960	27.73		1476.3								
	STO	00500	04.61	34.96	27.71	00.334	1477.6								
	DRS	00500	04.61	34.965	27.71		1477.6								
	S10	00510 00600	04.50 04.36	34.960 34.96	27.72 27.74	00.378	1478.2								
	085	00500	04.36	34.962	27.74	•	1478.2								
	STO	00703	04.27	34.96	27.75	00.421	1479.5								
	985	00700	04.27	34.961	27 • 75		1479.5								
	085	00725	04.22	34.965	21.76 27.75		1479.7								
	195 386	00732 00745	04.26 04.22	34.965 34.963	27.75		1480.0								
	085	00751	04.26	34.988	27.77		1480.3								
	nes	00770	04.11	34.950	27.76		1480 -0								
	280	00783	04.12	34.942	27•75 27•75	00 ///	1480.2								
	5To 085	00°00	04.06 04.06	34.94 34.940	21.15	00-464	1480.2								
	510	00900	04.06	34.94	21.16	00.508	1481.9								
	ายร	00900	04.06	34.945	27.76		1461-9								
	STO	01000	03.91	34.94	27.76	00.552	1483.2								
	085	01000	03.97	34.940	27.76	00.596	1483.2								
	ST0 085	01100	03.94 03.94	34.94 34.947	27.17 27.17	00.740	1484.8								

Table X111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 R296 CUNSEC 0105 LAT 43 22 N LOMG 047 36 d	YERR MONTH DAY HOUR	05 13	BOTOP 0373L SHIP EV DATA USE I AREA 05	AIP T WET S BAPOM CLOU)	ULB 05.7 ETR 1022.7		C <sup>T</sup> PEB 2 3	ATNO-OFR WINO-SPD ATNO-FTR AEATHER	1+	TRACE DUPAT		ŋạ BE a ŋ 00+2	5 2	S S L S S S A L S S A L S A A A L S A A A A A A L S A A A A A A A A A A A A A A A A A A A	26 26
CASTNUM/TIME	LVLTYP	DEPTH	1 F MP	SAL	SIGMA-T	OYNDETH	SNO VEE	3×4G	p ) 4	101 p	402	403	\$133	64	
	510	00000	08.32	34.28	26.68	00.000	1483.2								
00.3	08.5	00000	09.32	34.280	76.68		1483.2								
	()85	00005	08.29	34.270	26.69 26.71	00.014	1483.2								
	510 065	00013	09.46 08.46	34.34	26.71	00.014	1484-0								
	510	00020	98.96	34.56	26.80	00.027	1486.3								
	oas	00020	08.46	34.560	26.80		1486.3								
	STO	00737	09.49	34.88	25.96	00.038	1488.9								
	DBS	00030	09.49	34.880	26.96		1488.9								
	OBS	00045	09.22	34 - 800	26.95		1488.0								
	STO	00050	09.35	34.86	26.97	00.061	1488.6								
	D8.5 U8.5	00050	09.35 09.53	34.860 34.900	26.97 26.97		1489.6 1489.5								
	Sto	00075	09.24	34.93	26.97	00.088	1485.6								
	UBS	00075	09.24	34.830	26.97		1488-6								
	510	00100	08.62	14.73	26.99	00.116	1486.6								
	CAS	00100	08+62	34.730	26.99		1486.6								
	(BS	00106	09.44	34.770	27.05		1486 • 0								
	785	00120	28 42	34.300	27.07	00.143	1485.6 1485.6								
	STD 0 B S	00125	08.24 08.24	34.78 34.780	27.09 27.09	00.142	1485.6								
	DAS	20140	29.27	34.850	27.14		1486.1								
	035	00146	08.12	34.800	27.12		1485.5								
	STO	00150	08.25	34.91	27-19	00.167	1485.2								
	D8.5	00150	04.25	34.910	27.19		1486.2								
	TBS	00155	09.31	34.910	27.18		1486.5								
	ng S	00161	07.76	34.780	27.16		1484-4								
	085	00165	07.82	34.840	27.20		1484.7								
	185 135	00175	07.49	34.780 34.880	21.20 21.26		1484.1								
	785	00197	07-22	34.780	27.24		1482.9								
	STO	00200	07.33	34.45	21.27	00.211	1483.4								
	∪8.S	00700	07.33	34.850	27.27		1483.4								
	385	00225	07-12	34.940	27.30		1483.0								
	DBS	00230	07.16	34.880	27.32	00 351	1483.3								
	510	00250	06-17 05-52	34.72 34.660	27.33 27.37	00.251	1479.5								
	08\$ 08\$	00280	05.27	34.660	27.40		1476.3								
	185	00295	05.52	34 - 730	21.42		1477.6								
	510	00300	05.43	34.71	27.42	00.289	1477.3								
	785	00300	05.43	34.710	27.42		1477.3								
	385	00310	05.53	34.750	27.44		1477.9								
	nns.	00334	05.27	34.780	21.49		1477.3								
	118.S ⊒8.S	00347	05.34 05.31	34.790 34.830	27.49 27.53		1477.8								
	510	00400	05.36	34.96	21.54	00.354	1478.9								
	วธร	00400	05.36	34 - 860	27.54		1478.9								
	185	00+39	05.26	34.910	27.59		1479.2								
	nBS_	00465	05.69	35.010	27.62		1481.5								
	STO	005 00	05.29	34.97	27.64	00.411	1480.4								
	085	00500	05.29	34.970	27.64	00.461	1480.4 1480.4								
	ST0 085	00600	04.88 04.88	34.98 34.980	27.69 27.69	30.461	1480 -4								
	510	00700	04.74	34.98	27.71	00.509	1481.5								
	OBS	00700	04.74	34.980	27.71		1481.5								
	5 T O	00800	94.44	34. 38	27.74	00.555	1481.9								
	085	008 00	04.44	34.980	27.74		1481.9								
	STO	00900	04.30	34-75	27 - 74	00.600	1482.9								
	nas sto	00900	04.18	34.955 34.35	27.74 27.75	00-646	1482.9								
	085	01300	04.18	34.955	27.75	00+0+0	1484.1								
	085	01050	34.11	34.950	27.76		1484 • 6								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

											. (1)	- c Do O C B	**	N 50 13	204
REF10 31 829		1972	8010P 03749	ALR T		DIR HG		#110-01R #110-5P0			I STO AI CE OIR	) ( אינו אינו		SOUARE	
CONSEC 010		H 05	SHIP EV OATA USE 1	MET 8	ULB 06.1 E18 1020.0	15 1 SEA	. 2	WING-FOR	• •	OUR	TLON	00.9	2	SOUARE	26
LAT 43 12 LONG 047 04		04.0	AREA 05	CLOUP		CL/TR		HEATAFP	X )	0610	ite 1	11	1	SQJARE	37
20.00															
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	OYNDPTH	5NO VEL	) XY G	P ) 4	101	9 402	NO3	5133	PH	
	510	00000	09.03	34.62	26.84	(·)-000	1486 - 3								
04.0	085	00000	09.03	34-620	26-84	00.012	1486.3								
	510	00010	09.01	34.61	26.83 26.83	00.012	1486.3								
	51n 085	00020 00020	08.94 08.94	34.60 34.600	26.83	00-023	1486.3								
	STD	00020	08.83	34.5A	26.84	00.037	1486.0								
	085	00030	OR.83	34.580	26.84		1486.0								
	OR 5	00040	07-69	34.430	26.R9	00 061	1481.6								
	510	000 50	06.39	34.22 34.220	26.91 26.91	00.061	1476-4								
	ORS ORS	00050	06.39 05.81	34.210	26.97		1474.3								
	085	00070	05.57	34.250	27.04		1473.5								
	510	00075	06.33	34.37	27.04	00.088	1476.8								
	085	00092	07.21	34.580	27.08		1480.8								
	085	00096	07.03	34.580	27-10	00-113	1480.2								
	STO	00100	07.44 07.55	34.73 34.780	27.16 27.19	00-113	1482 - 6								
	085 085	00103	06.22	34.530	27.17		1477.2								
	510	00125	06.31	34.54	27.17	00.136	1477 - 9								
	785	00125	06.31	34.540	27.17		1477.8								
	085	00146	06.39	34.650	27.25	00.158	1478.6								
	STO	00150	06-12	34.64 34.640	27.27 27.27	00.198	1477.5								
	985 985	00150	06.12 06.38	34.670	27.26		1479.0								
	085	00175	06.45	34.710	27.29		1479.4								
	085	00180	05.99	34.610	27.27		1471.5								
	510	00200	05.41	34.63	27.35	00.198	1475.5								
	085	00200	05.41	34.630 34.680	27.35 27.33		1475.5								
	085 085	00209 00230	05.91 05.51	34.680	27.38		1476.5								
	085	00240	05.83	34.740	27.39		1478.0								
	510	00250	05-56	34.69	27.38	00.235	1477.0								
	OB S	00250	05.56	34.690	27.38		1477.0								
	085	00257	05.87	34.700 34.700	27.35 * 27.48		1478-4								
	085	00273 00282	04.83 04.76	34.730	27.51		1474.3								
	280 STO	00300	05.5A	34.81	27.48 *	00.270	1478.1								
	085	00300	05.58	34.R10	27.48		1478.1								
	085	00310	05.61	34-R00	27.46		1478.3								
	085	00320	05.54 05.61	34-820 34-860	27•49 27•51		1478.8								
	085 085	00331 00345		34.870	27.53		1478.6								
	085	00365	05.54	34.890	27.54		1479-1								
	085	00390		34.890	27.57		1478.6								
	STO	00400		34.92	27.59 27.59	00.330	1479.0								
	()85 ()85	00400 00430		34.920 34.930	27.60		1479.5								
	\$10	00500		34.97	27.66	00.384	1479.7								
	085	00500		34.970	27.66		1479.7								
	08.5	00540		34.990	27-68		1480.1								
	085	00560		35.000 34.99	27.69 27.69	00-433	1480.6								
	STO 085	006 00 006 00		34.990	27.69	00-433	1480.7								
	STO	00700		34.97	27.72	00.480									
	085	00700		34.970	27.72		1480.9								
	ORS	00775		34.960	27.73	00 534	1481.6								
	510	00800		34.99 34.990	27.74 27.74	00.526	1482 - 4								
	085 085	00840		34.990	27.74		1483.1								
	510	00900	04.50	34.99	27.75	00.572									
	085	00900	04.50	34.990	27.75		1483.8								
	082	00960	04.42	34.980	27.75 27.75	00.617	1484.5								
	510 085	01000		34.95 34.950	27.75	00.017	1484.0								
	510	01100		34.94	27.75	00.663	1485.4								
	ORS	01100		34.940	27.75		14 R5 . 4								
							••								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF10 31 8296 CONSEC 0107 LAT 43 00 N LUNG 046 19 H	MUNT DAY	1972 H 05 13	8010P 04298 SHIP FY DATA USE I AREA 05			OIR H II SEA CL/TR	_	MIND-DIR MIND-SPD MIND-FOR MENTHER	34	TR AC DURA	STO REC F DIR TION TIP 111	03.5	5 2	N SQ 1 SQUARE SQUARE SQUARE	F 26
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	3XYG	P 74	TOT P	NO2	NO3	\$133	P 4	
	510	00000	15.07	35.72	26.53	00.000	1508.5								
07.5	0.85	00000	15.07	35.720	26.53		150R.5								
	210	00010	15.07	35.72	26.53	00.015	1508.7								
	085 085	00010	15.07 15-07	35.720 35.720	26.53 26.53		1508.7 1508.7								
	510	00029	14.99	35.72	26.55	00.030	1508 • 6								
	าตร	00020	14.99	35-720	24.55		1508.6								
	085	00026	14.60	35.680	26.60		1507.4								
	510	00030	14.71	35.79	20.66	00.045	1507.9								
	OAS Sto	000 3 3 000 5 0	14.76 14.39	35.840 35.74	26.69 26.69	00.073	1508.2								
	085	00050	14.39	35.740	26.69	00.013	1507.2								
	STO	00075	13.84	35.62	26.72	00-107	1505.7								
	7B S	00075	13.94	35.670	26.72		1505.7								
	510	20100	13.53	35.57	25.74	00.140	1505.0								
	ORS	00100 00125	13.53 13.27	35.570	26.74 26.75	00-174	1505.0								
	- \$10 ⊕85	00125	13.27	35.51 35.510	26.75	00.174	1504.5								
	510	00150	12.78	35.41	26.77	00.207	1503.1								
	URS	00150	12.78	35.410	26.77		1503.1								
	085	anl 55	12.76	35.390	26.76		1503.1								
	785	00179	12.94	35.480	26.79		1504.2								
	085 085	00181	12.98 17.89	35.530 35.560	26.83 26.87		1504.4								
	5 T D	00189	13.10	35.6L	26.86	00.271	1505.2								
	ORS	00200	13.10	35.610	26.86		1505 . 2								
	OR S	00239	10-19	35.060	26.09		1495.1								
	510	00250	10-94	35.26	27.01	00.331	1498.2 1498.2								
	OBS.	00250 00272	10-94 11-82	35.260 35.550	27.01 27.07		1502.0								
	STD	00112	10-49	35.25	27.08	00.385	1497.4								
	285	00300	10.49	35.250	27.0R		1497.4								
	ORS	00315	10.57	35.320	27-12		1498.0								
	OBS	00332	10.52	35.360	27.16		1498.2								
	STO DBS	004 01 004 03	08.43 08.43	35.04 35.040	27.26 27.76	00.483	1491 .2 1491 • 2								
	085	00413	08.96	35.170	27.28		1493 - 6								
	UBS	00437	08-54	35.170	27.34		1492.4								
	OBS	00441	08.64	35.190	27.34		1492.8								
	085	00469	07.58	34-980	27.34	00 547	1489.0								
	STO	005 00 005 00	05.34 05.34	34.63 34.630	27.36 27.36	00.567	1480.1								
	OBS	00511	04.81	34.620	27.42		1478.1								
	0.85	00517	04.89	34.640	27.42		1478.6								
	OBS	00530	03.71	34.510	27.45		1473.7								
	ORS	00545	04+62	34 - 780	27.57		1478.1								
	08.5 5.1.0	00594	06.06 06.02	34.980 34.98	27.55 27.56	00.638	1485.1 1485.0								
	085	00600	06.02	34.980	27.56	00.030	1485.0								
	085	00636	05.91	35.000	27.59		1485-2								
	085	00650	05.44	34.970	27.62		1483.5								
	085	00660	05-62	34.980 34.950	27.61		1484.4 1483.1								
	ORS	00680	05.24 05.36	34.98	27.63 27.64	00-697	1484.0								
	085	00700	05.36	34.980	27.64	30-071	1484.0								
	085	00715	05.26	34.980	27.65		1483-8								
	OBS	00731	05.26	34.980	27.65		1484.L								
	08.5	0074R	05.16	34.980	27.66		1484.0								
	785 510	00770	05•15 04•79	34.980 34.94	27.66 27.67	00.750	1483.3								
	785	00800	04.79	34.940	27.67		1483.3								
	ORS	00820	04.64	34.930	27.68		1483.0								
	285	00830	04.69	34.940	27.68		1 483 .4								
	ORS	00860	04.63	34.940	27.69		1483.6								
	08.5 08.5	00869 00877	04.69 04.57	34.920 34.940	27.67 27.70		1483.6								
	ORS	00889	04.60	34.940	27.69		1484.0								
	STO	00900	04.54	34.94	27.70	00.801	1483-9								
	085	00900	04.54	34.940	27.70	00 861	1483-9								
	510	01000 01000	04-45 04-45	34.94 34.940	77.71 27.71	00.851	1485.2 1485.2								
	08 S	0.000	04.40	37.740	21.11		. 403.4								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

		YEAR MONTH DAY HOUR		BUTOP 03859 SHIP FV DATA USE 1 AREA 05			OTR H 14 SEA CL/TR	GT PER 3 2	NIO-OVIW O 92-OVIW SCH-OVIW RAHTABL		TRACE DURAT		00 • 2	5 2	N SO T SOUARE SOUARE SALUOS	2 46
CASTNUM/T	146	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXY G	P 34	101 P	402	NO3	5133	94	
		510	00000	08-72	34.39	76.71	00.000	1484.9								
1	9.6	ORS	00000	08.72	34.390	26.71		1484.9								
-		510	0.0010	08.48	34.36	26.72	00.013	1484.1								
		085	00010	08.48	34.360	76.72		1484.1								
		STO	00020	08.20	34 - 56	25.92	00.026	1483.5								
		OPS	00023	08.20	34.565	25.92		1483.5								
		OAS	00025	07.08	34.435	26.98	00 007	1479.0								
		510	00030	07.11	34.46	27.00 27.00	00.037	1479.3								
		ORS STO	00030	07.11 07.86	34.460 34.66	27.05	00.058	1482.8								
		785	00050	07.86	34.660	27.05	0.030	1482.8								
		08.5	00061	08-11	34.6A0	27.03		1483.9								
		DRS	00070	08.51	34.860	27.11		1485.8								
		510	00075	08.39	34.81	27.09	00.083	1495.4								
		าคร	00075	08.39	34.810	27.09		1485.4								
		MAS	00099	07.09	34.590	27.10		14AD.5								
		510	00100	07.16	34.62	27.12	00.108	1480 -8								
		985	00100	07.16 06.92	34.620 34.615	27.12 27.15		1480.8								
		08 S 5 T O	00112	07.26	34.71	27.17	00 - 132	1481.7								
		095	00125	07.26	34.710	27.17	00.135	1481.7								
		3B S	00130	06.94	34.620	27.15		1480-4								
		095	00135	06 • 99	34.700	27.20		1480.8								
		STO	00150	06.72	34.69	27.24	00.154	1490.0								
		กอร	00150	06.72	34.695	27.24		1480.0								
		nes	00171	06.22	34.665	27.28		1478.3								
		PAS	18100	06.35	34.675	27.27	00.195	1479.0								
		STO	00200 00200	05.32 05.32	34.57 34.570	27.32 27.32	00.195	1475.0								
		18.5	00200	04.70	34.550	27.37		1472.9								
		STD	00250	05.16	34.67	27.42	00.233	1475.3								
		pas	20253	05.16	34.070	27.42		1475.3								
		085	00259	05.15	34.705	27.45		1475.5								
		210	00300	05.71	34.88	27.52	00.266	1478.7								
		0.85	00300	05-71	34.480	27.52		1478.7								
		185	00303	05.78	34 - 900	27.52 27.53		1479.0								
		ORS ORS	00339	04.92 05-26	34.775 34.875	27.57		1478.2								
		085	00379	05.14	34.860	27.57		1477.7								
		STO	00400	05.28	34.91	27.59	00.324	1478.6								
		685	00400	05.28	34.910	27.59		1478.6								
		OBS	00469	05.55	35.005	27.63		1481.0								
		0.85	00490	05.29	35.065	27.71		1480.4								
		510	00500	05.49	35.06	27.69	00-376	1481 • 3								
		085	00500	05.49	35.060	27.69 27.69		1481.3								
		กลร กลร	0052 <b>5</b> 0053 <b>5</b>	05.23 05.38	35.025 35.025	27.67		1481.4								
		085	00550	05.12	35.020	27.70		1480.6								
		510	00600	04.83	35.01	27.72	00.423	1480.2								
		085	00600	04.A3	35.010	27.72		1480.2								
		510	00700	04.75	35.02	27.74	00.468	1481.6								
		285	00700	04.75	35.020	27.74		1481 .6								
		085	00709	04.65	35.025	27-76		1481.3								
		085 510	00752	04.82	35.035	27.75 27.76	00.512	1482.7								
		510 085	00800	04.62 04.62	35.02 35.025	27.76	00.312	1482.7								
		510	00900	04.52	35.02	27.77	00.556	1483.9								
		185	00900	04-51	35.020	27.77		1483.9								
		510	01000	04 - 30	35.00	27.78	00.599	1484.7								
		985	01000	04-30	35.005	27.78		1484.7								
		285	01003	04.30	35.005	27.78		1484.7								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

### CLOUD 17.4   C	REFLO CONSEC LAT		9296 0109	HONT	1972 H 05 13	BOTOP 03932 SHIP EV OATA USE 1	AIR WET BARD			GS PER 3 2	4[V0-3]8 WIVD-5P0 4[V0-3]8		LNST TRACI		930 PO: 0 F. 00	5	N 53 RAGCZ PAUQZ	F
S10												x 2						
21.0 085 00000 09.85 14.500 24.77 1.855 1.	CAST	ųUm/	TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	OYNDETH	SND VEL	эхүс	P 34	t <sub>O</sub> t p	NO2	NO3	5133	64	
21.0 085 00000 09.85 3-500 24.77				510	000 00	08.85	34.50	26.17	00.000	1485.5								
085 0010 08,85 34-500 28,77 00.026 185-6 00.706 185-6 00.			21.0		00000	09.85												
\$10 00073 08.8   34.45 26.7   00.026 1495.6   085 00070 08.1   34.47   26.7   00.03   485.4   086 00070 07.7   34.47   26.7   00.03   485.4   087 00070 07.7   34.47   27.0   00.03   485.4   088 00050 07.7   34.65   27.0   00.062   482.3   089 00050 07.7   34.65   27.0   00.062   482.3   089 00050 07.7   34.65   27.0   00.062   482.3   081 00070 07.7   34.65   27.0   00.062   482.3   081 00070 07.7   34.65   27.0   00.062   482.3   082 0010 0010 07.9   34.77   27.1   00.08   498.4   083 00110 08.0   34.4   48.2   27.1   084 00110 08.0   34.4   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00110 08.0   34.7   48.2   27.1   085 00100 09.0   34.6   34.60   27.1   085 00274   05.2   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.7   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.7   34.60   27.1   085 00274   05.7   34.60   27.1   085 00274   05.7   34.60   27.1   085 00274   05.7   34.60   27.1   085 00274   05.6   34.60   27.1   085 00274   05.7   34.60   27.1   085 00275   05.1   34.60   27.1   086 00276   05.1   34.60   27.1   087 00000   06.8   34.60   27.1   088 00276   05.1   34.60   27.1   089 00276   05.1   34.60   27.1   089 00276   05.1   34.60   27.1   089 00276   05.1   34.60   27.1   089 00276   05.1   34.60   27.1   089 00276   05.1   34.60   27.1   089 00276   05.1   34.60   27.1   089 00276   05.1   34.60   27.1   089 00276   05.1   34.60   2									09.013									
085																		
\$10 0010 08.71 34.47 20.77 00.039 1.65.4  085 00110 07.24 34.70 20.77 1.165.0  085 00170 07.74 34.70 20.77 1.165.0  085 00170 07.74 34.70 20.77 1.0  085 00175 07.74 34.70 20.77 1.0  085 00175 07.74 34.70 27.10  085 00175 07.74 34.70 27.10  085 00175 07.94 34.77 27.12  085 00170 07.94 34.77 27.12  085 00170 07.94 34.77 27.12  085 00170 07.94 34.77 27.12  085 00170 07.94 34.77 27.12  085 00170 07.94 34.77 27.12  085 00170 07.94 34.77 27.12  085 00170 07.94 34.77 27.12  085 00170 07.94 34.75 27.16  085 00170 07.94 34.75 27.16  085 00175 07.42 34.75 27.16  085 00175 07.42 34.75 27.16  085 00175 07.42 34.75 27.16  085 00175 07.42 34.75 27.18  085 00175 07.42 34.75 27.18  085 00175 07.42 34.75 27.18  085 00181 07.51 34.60 27.15  085 00180 07.61 34.44 27.22  085 00180 07.61 34.44 27.22  085 00190 07.91 34.44 27.22  085 0020 07.91 34.44 27.22  085 0020 07.91 34.44 27.22  085 0020 07.91 34.44 27.22  085 0020 07.91 34.44 27.22  085 0020 07.91 34.44 27.22  085 0020 07.91 34.44 27.22  085 0020 07.91 34.44 27.22  085 00240 05.23 34.62 27.17 14.75 48.8  085 00240 05.23 34.62 27.17 14.75 48.8  085 00240 05.23 34.62 27.17 14.75 48.8  085 00240 05.23 34.62 27.18 00.25 14.76 48.8  085 00240 05.23 34.62 27.18 00.25 14.76 48.8  085 00240 05.23 34.62 27.18 00.25 14.76 48.8  085 00240 05.23 34.62 27.19 14.75 48.8  085 00240 05.23 34.62 27.19 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 05.55 34.90 27.10 14.75 48.8  085 00240 06.35 35.01 27.70 14.70 14.75 59.8  085 00240 06.35 35.01 27.70 14.70 14.75 59.8  085 00240 06.47 34.49 27.70 27.8  085 00240 06.47 34.49 27.70 27.8  085 00240 06									00.026									
DRS									00 039									
085   00051   07.74   34.65   27.00   00.002   1482.3     085   00050   07.74   34.65   27.00   00.002   1482.3     085   00050   07.74   34.650   27.10   00.008   1482.3     085   00050   00.74   34.70   27.10   00.008   1482.3     085   00100   07.94   34.77   27.12   00.112   1484.0     085   00110   08.00   34.840   27.15   1484.0     085   00110   08.00   34.840   27.15   1484.0     085   00110   08.00   34.840   27.15   1484.9     085   00112   07.94   34.70   27.16   01.12   1484.0     085   00112   07.94   34.70   27.16   01.15   1482.4     085   00131   07.51   34.840   27.15   1482.4     085   00130   06.84   34.60   27.15   1482.4     085   00150   06.84   34.60   27.15   1482.4     085   00700   05.11   34.44   27.22   00.204   1474.8     085   00700   05.11   34.44   27.22   00.204   1474.8     085   00700   05.11   34.40   27.21   1475.4     085   00748   05.56   34.60   27.15   1476.7     085   00748   05.56   34.60   27.17   1475.4     085   00740   05.56   34.60   27.17   1475.7     085   00740   05.56   34.60   27.17   1476.7     085   00740   05.56   34.67   27.18   1476.7     085   00740   05.50   34.60   27.17   1475.7     085   00740   05.50   34.60   27.17   1476.7     085   00740   05.50   34.60   27.17   1475.7     085   00740   05.50   34.60   27.18   1476.7     085   00740   05.50   34.60   27.18   1476.7     085   00740   05.50   34.60   27.18   1476.7     085   00740   05.50   34.60   27.18   1476.7     085   00740   05.73   34.60   27.18   1476.7     085   00740   05.73   34.60   27.18   1476.7     085   00740   05.73   34.60   27.18   1476.7     085   00740   05.60   34.67   27.19   1476.7     085   00740   05.60   34.67   27.19   1476.7     085   00740   05.60   34.67   27.19   1476.7     085   00740   05.60   34.67   27.17   1476.7     085   00740   05.60   34.67   27.17   1476.7     085   00740   05.60   34.67   27.17   1476.7     085   00740   05.60   34.67   27.17   1476.7     085   00740   05.60   34.67   27.77   1476.7     085   00740   05.60   34.67   27.77   1476.7									00.077									
\$10 00750 07.74 34.650 27.06 00.062 1482.3 \$17 00075 06.72 434.650 27.10 0.087 1482.3 \$18 00075 06.24 34.80 27.10 0.087 1484.8 \$18 00075 06.24 34.80 27.10 0.087 1484.8 \$19 00075 06.24 34.80 27.10 0.087 1484.8 \$10 00075 06.24 34.80 27.10 0.1087 1484.8 \$10 00075 06.24 34.80 27.10 0.112 1484.0 \$18 00170 07.42 34.75 27.18 0.112 1484.0 \$18 00170 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 0.118 1482.4 \$18 00175 07.42 34.75 27.18 1.182.4 \$19 00 00.00 0.118 34.44 27.22 00.204 1474.8 \$10 00 00 00.00 0.118 34.44 27.22 00.204 1474.8 \$10 00 00 00.00 0.118 34.44 27.22 00.204 1474.8 \$10 00 00 00.00 0.118 34.40 27.22 111 1472.0 \$10 00 00 00.00 0.118 34.67 27.18 00.245 1476.4 \$10 00 00 00.00 0.118 34.67 27.18 00.245 1476.4 \$10 00 00 00.00 0.118 34.67 27.18 00.245 1476.4 \$10 00 00 00 00.00 0.118 34.67 27.18 00.245 1476.7 \$10 00 00 00 00.00 00.00 34.67 27.18 00.245 1476.2 \$10 00 00 00 00.00 34.67 27.18 00.245 1476.2 \$10 00 00 00 00.00 34.67 27.44 00.281 1475.5 \$10 00 00 00 00.00 35.30 34.720 27.44 00.281 1478.9 \$10 00 00 00 00.00 35.30 34.720 27.44 00.281 1478.9 \$10 00 00 00 00.00 35.30 34.720 27.45 00.245 1476.2 \$10 00 00 00 00.00 35.00 34.67 27.45 00.281 1478.9 \$10 00 00 00 00.00 35.30 34.720 27.65 1476.7 \$10 00 00 00 00.00 35.30 34.720 27.65 1476.7 \$10 00 00 00 00.00 00.00 35.30 34.720 27.65 1476.7 \$10 00 00 00 00.00 00.00 35.00 37.																		
\$10 000/5 08-24 34-80 27-10 1484-8 \$10 00100 07-94 34-770 77-12 00-112 1484-8 \$10 00100 07-94 34-770 77-12 00-112 1484-0 085 00110 08-09 34-840 27-12 1484-0 085 00110 08-09 34-840 27-15 1484-0 085 00110 08-09 34-840 27-15 1484-0 085 00110 08-09 34-840 27-18 1484-0 085 00110 08-09 34-840 27-18 1482-4 085 00115 07-92 34-750 77-18 00-155 1482-4 085 00115 07-92 34-750 77-18 1482-4 085 00115 07-92 34-750 77-18 1482-4 085 00115 08-84 34-600 27-15 1480-4 085 00709 07-91 34-440 27-22 00-204 1474-8 085 00709 07-91 34-440 27-22 1474-8 085 00709 07-91 34-650 27-31 1476-7 085 00748 07-92 05-91 34-650 27-31 1476-7 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-18 1477-1 085 00729 07-91 34-650 27-24 1476-2 085 00709 07-91 34-650 27-24 1476-2 085 00709 07-91 34-650 27-24 1476-2 085 00709 07-91 34-650 27-24 1476-2 085 00709 07-91 34-650 27-24 1478-9 085 00709 07-91 34-900 27-95 1476-2 085 00709 07-91 34-900 27-95 1476-2 085 00709 07-95 34-900 27-95 1478-2 085 00709 07-95 34-900 27-95 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1478-2 085 00709 07-95 35-010 27-77 100-479 1480-9 085 00709 07-95 35-010 27-77 100-479 1480-9 085 00709 07-95 35-010 27-77 100-479 1480-9 085 00709 07-95 35-010 27-77 100-479 1480-9 085 00709 07-96 1480-96 27-76 00-526 1480-5									00.062									
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085 00411 05.12 34.960 27.58 1478-9 085 00411 05.12 34.960 27.65 1478-2 085 00447 04.74 34.875 27.63 1477-1 5TO 00500 04.81 34.90 27.64 00.398 1478-3 085 00504 04.81 34.91 27.65 085 00513 04.71 34.935 27.68 1478-2 085 00540 04.72 34.940 27.68 1478-2 085 00540 04.72 34.940 27.68 1478-2 085 00582 04.86 35.005 27.72 1480.0 5TO 00600 04.85 35.01 27.73 1480.0 085 00600 04.85 35.01 27.71 00.447 1680-3 085 00600 04.95 35.01 27.71 00.493 1482-4 085 00700 04.95 35.01 27.71 00.493 1482-4 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.71 1480.0 085 00700 04.95 35.01 27.75 1480.0 085 00700 04.37 34.945 27.75 1480.0 085 00700 04.37 34.945 27.75 00.539 1480.0 085 00800 04.14 34.94 27.75 00.539 1480.6 085 00800 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.96 27.76 00.582 1482.4 5TO 00900 04.16 34.96 27.76 00.582 1482.4 5TO 00900 04.16 34.96 27.76 00.582 1482.4 5TO 00900 04.16 34.96 27.76 00.582 1482.4																		
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085 00447 04.74 34.875 27.63 1477.1  \$10 00500 04.81 34.90 27.65 00.398 1478.3  085 00504 04.81 34.910 27.65 1478.4  085 00513 04.71 34.935 27.68 1478.2  085 00549 04.62 34.975 27.72 1478.4  085 00582 04.86 35.005 27.77 1480.0  \$10 00600 04.85 35.01 27.73 00.447 1480.3  \$10 00700 04.95 35.01 27.71 00.493 1482.4  085 00724 04.25 34.945 27.74 1479.8  085 00724 04.25 34.945 27.75 1480.0  085 00700 04.13 34.94 27.75 00.539 1480.1  \$10 0080 04.14 34.94 27.75 00.539 1480.6  \$10 00900 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  \$10 0080 04.16 34.96 27.76 00.582 1482.4  \$10 0080 04.16 34.96 27.76 00.582 1482.4  \$10 0090 04.16 34.96 27.76 00.582 1482.4																		
5TO         00500         04.81         34.90         27.64         00.398         1478.3           085         00504         04.81         34.910         27.65         1478.4           085         00540         04.71         34.935         27.68         1479.7           085         00540         04.72         34.940         27.68         1479.7           085         00582         04.86         35.005         27.77         1480.0           5TO         00600         04.85         35.01         27.73         1480.3           6B5         00600         04.95         35.01         27.71         00.493         1482.4           085         00700         04.95         35.01         27.71         00.493         1482.4           085         00724         04.25         34.945         27.74         1479.8           085         00724         04.25         34.945         27.75         1480.0           085         00756         04.17         34.945         27.75         1480.0           085         00750         04.17         34.945         27.75         1480.0           085         00900         04.14         34.9																		
085 00504 04.81 34.910 27.65 1478.4 085 00513 04.71 34.935 27.68 1478.2 085 00540 04.72 34.940 27.68 1479.7 085 00549 04.62 34.975 27.72 1478.4 085 00582 04.86 35.005 27.72 1478.4 085 00500 04.85 35.01 27.73 00.447 1480.3 085 00600 04.85 35.01 27.73 1480.3 085 00700 04.95 35.01 27.71 00.493 1482.4 085 00700 04.95 35.01 27.71 1482.4 085 00724 04.25 34.945 27.75 1480.0 085 00756 04.17 34.945 27.75 1480.0 085 00756 04.17 34.945 27.75 1480.0 085 00700 04.37 34.950 27.73 1481.1 085 00700 04.37 34.950 27.73 1481.1 085 00700 04.37 34.950 27.73 1480.0 085 00700 04.37 34.950 27.75 1480.0 085 00700 04.37 34.950 27.75 1480.0 085 00800 04.14 34.945 27.75 00.539 1480.6 085 00800 04.14 34.945 27.75 00.539 1480.6 085 00900 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.96 27.76 00.582 1482.4									00.398									
085 00540 04.72 34.940 27.68 1479.7 085 00549 04.62 34.975 27.72 1478.4 085 00582 04.86 35.005 27.77 1480.0  STO 00600 04.85 35.01 27.73 00.447 1480.3  STO 00700 04.95 35.01 27.71 00.493 1482.4  085 00700 04.95 35.01 27.71 00.493 1482.4  085 00724 04.25 34.945 27.74 1479.8  D85 00756 04.17 34.945 27.75 1480.0  085 00756 04.17 34.945 27.75 1480.0  085 00700 04.37 34.950 27.73 1481.1  STO 00800 04.14 34.94 27.75 00.539 1482.4  085 00900 04.14 34.94 27.75 00.539 1480.6  STO 00900 04.16 34.96 27.76 00.582 1482.4  O85 00900 04.16 34.96 27.76 1482.4  STO 00900 04.16 34.96 27.76 1482.4  O85 00900 04.16 34.96 27.76 00.582 1482.4  STO 01000 04.26 34.98 27.76 1482.4							34.910											
085 00549 04.62 34.975 27.72 1478.4 085 00582 04.86 35.005 27.77 1480.0  \$TO 00600 04.85 35.01 27.73 00.447 1480.3  \$TO 00700 04.95 35.01 27.73 1480.3  \$TO 00700 04.95 35.01 27.71 1482.4  085 00700 04.95 35.01 27.71 1482.4  085 00724 04.25 34.945 27.74 1479.8  D85 00770 04.37 34.95 27.75 1480.0  085 00770 04.37 34.95 27.75 1481.1  \$TO 00800 04.14 34.94 27.75 00.539 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  \$TO 0080 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  \$TO 0080 04.16 34.96 27.76 00.582 1482.4																		
085 00582 04.86 35.005 27.77 1480.0  \$10 0000 04.85 35.01 27.73 00.447 1480.3  085 00600 04.85 35.015 27.73 1480.3  \$10 00700 04.95 35.01 27.71 00.493 1482.4  085 00700 04.95 35.01 27.71 00.493 1482.4  085 00724 04.25 34.045 27.74 1479.8  085 00756 04.17 34.945 27.75 1480.0  085 00770 04.37 34.945 27.75 1480.0  085 00770 04.37 34.95 27.73 1481.1  \$10 00800 04.14 34.94 27.75 00.539 1480.6  \$10 00900 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.96 27.76 00.582 1482.4  \$10 00900 04.16 34.96 27.76 00.582 1482.4  \$10 00900 04.16 34.96 27.76 00.582 1482.4  \$10 00900 04.16 34.96 27.76 00.582 1482.4																		
\$10																		
085 00600 04.85 35.015 27.73 1480.3 STO 00700 04.95 35.01 27.71 00.493 1482.4 085 00700 04.95 35.010 27.71 1482.4 085 00724 04.25 34.945 27.74 1479.8 085 00724 04.25 34.945 27.75 1480.0 085 00770 04.37 34.950 27.73 1481.1 STO 00800 04.14 34.94 27.75 00.539 1480.6 085 00800 04.14 34.94 27.75 00.539 1480.6 STO 00900 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.96 27.76 00.582 1482.4 STO 01000 04.26 34.98 27.76 00.626 1484.5									00.447									
STO 00700 04.95 35.01 27.71 00.493 1482.4  085 00700 04.95 35.010 27.71 1482.4  085 00724 04.25 34.945 27.74 1479.8  085 00756 04.17 34.945 27.75 1480.0  085 00770 04.37 34.995 27.73 1481.1  STO 00800 04.14 34.94 27.75 00.539 1480.6  085 00800 04.14 34.94 27.75 00.539 1480.6  STO 00900 04.16 34.96 27.76 00.582 1482.4  085 00900 04.16 34.965 27.76 1482.4  STO 01000 04.26 34.98 27.76 00.626 1484.5									001441									
085 00700 04-95 35-010 27.71 1482-4 085 00724 04-25 34-945 27.74 1479-8 085 00756 04-17 34-945 27.75 1480.0 085 00770 04-37 34-950 27.73 1481.1 5TO 00800 04-14 34-94 27.75 00-539 1480-6 085 00800 04-14 34-94 27.75 1480.6 5TO 00900 04-16 34-96 27.76 00.582 1482-4 085 00900 04-16 34-965 27.76 00.582 1482-4 5TO 01000 04-26 34-98 27.76 00-626 1484-5									00.493									
085 00756 04-17 34-945 27-75 1480-0 085 00770 04-37 34-950 27-73 1481-1 5T0 00800 04-14 34-94 27-75 00-539 1480-6 085 00800 04-14 34-945 27-75 1480-6 5T0 00900 04-16 34-965 27-76 00-582 1482-4 085 00900 04-16 34-965 27-76 00-582 1482-4 5T0 01000 04-26 34-98 27-76 00-626 1484-5						04 - 95	35.010	27.71										
085 00770 04.37 34.950 27.73 1481.1 \$T0 00800 04.14 34.94 27.75 00.539 1480.6 085 00800 04.14 34.945 27.75 1480.6 \$T0 00900 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.965 27.76 1482.4 \$T0 01000 04.26 34.98 27.76 00.626 1484.5																		
\$\text{STD}\$ 00800 04.14 34.94 27.75 00.539 1480.6 085 00800 04.14 34.945 27.75 1480.6 \$\text{STD}\$ 00900 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.965 27.76 1482.4 \$\text{STD}\$ 01000 04.26 34.98 27.76 00.626 1484.5																		
085 00800 04.14 34.945 27.75 1480.6 5T0 00900 04.16 34.96 27.76 00.582 1482.4 085 00900 04.16 34.965 27.76 1482.4 5TD 01000 04.26 34.98 27.76 00.626 1484.5									00 530									
\$10 00900 04.16 34.96 27.76 00.582 1.82.4 085 00900 04.16 34.965 27.76 1482.4 \$1D 01000 04.26 34.98 27.76 00.626 1484.5									00.539									
08\$ 00900 04.16 34.965 27.76 1482.4 51D 01000 04.26 34.98 27.76 00.626 1484.5									00.582									
STD 01000 04-26 34-98 27-76 00-626 1484-5																		
085 01000 04.26 34.980 27.76 1484.5					01000		34.98	27.76	00.626	1484.5								
				085	01000	04.26	34.980	27.76		1484.5								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFLO 31 3296 CONSEC 3117 LAT 44 16 N LONS 047 16 H	MONT	1972 H 05 14 01.5	BOTOP 03840 SHIP EV DATA USF I AREA 05		TEMP 05.0 AUL9 03.9 METP 1017.3 D T/A	32	GT PER 4 2	ATND-OTR ATND-SPD WINO-FOR AEATHER	15	T9 AC	T STO CE DIR ATION G ILP	₹	0R OE R 9 00 • 2	5 2	ÇZ NE AUÇZ AUÇZ AUÇZ	RE RE 4
CASTNUM/T1MF	LVLTYP	DEPTH	FEMP	SAL	1-44.12	OYNOPTH	SNO V€L	) XYG	914	101	P NO	)2	NO3	5133	P 4	
	510	00000	05.86	33.94	25.68	00,000	1473.0									
01.5	ORS	00000	05.86	33.845	26.68		1473-0									
0 - •	085	00004	05 - 84	33.870	25.70		1473.0									
	OBS	00005	05.89	33.860	25.69		1473 - 2									
	510	00010	05.40	33.85	26.69	00.014	1473.3									
	280	00010	05.90	33.950	26.68		1473.3									
	STO	00020	05.94	33-H7	25.69	00.027	1473.7									
	) R S	00020	05.94	33-H70	26.69		1473.7									
	78 S	00024	06.00	33.880	25.69		1474 -0									
	0.85	00028	05.98	33.900	26.71		1474.0									
	510	00030	06.04	33.92	26.72	00.041	1474.3									
	n85	00330	06.04	33.920 34.30	26 • 72	00.067	1474.3									
	SID	00050	07.79		26.78	00.067	1482.0									
	EBS PBS	00050	07.19	34.100 34.545	26 <b>.7</b> 8 26 <b>.</b> 92		1483.8									
	085	00055	08.14 07.44	34.550	21.02		1481.3									
	510	000 75	07.96	34.60	25.99	00.097	1483 - 5									
	บคร	00075	07-96	34.600	26.99	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1483.5									
	510	00100	07.40	34.53	27.01	00.124	1481 - 6									
	GH5	00100	07-40	34.530	27.01		1481.6									
	OBS	00107	07.77	34.700	27.09		1483.4									
	SID	00125	06.80	34 - 60	27.15	00.149	1479.8									
	DAS	00125	06.89	34.600	27.15		1479.8									
	STO	00150	07.14	34.70	27.18	00.172	1481.7									
	DAS	20150	07.14	34.700	27.18		1481.7									
	ยงร	00170	07.07	34.HOO	21.27		1481.9									
	กรร	00190	07.90	34.780	27.27		1481 - 7									
	19 S	00196	07.24	34.870	21.30		1483.0									
	SIO	00200	07.13	34.75	21.22 •	00-218	1482 • 5									
	210	00250	05.69	34.60	27.30	00.260	1477.4									
	280	00250	05.69	34.600	27.30		1477-4									
	1185 1785	00254	05.35	34.700	27.42 27.41		1476 • 7									
		00258 002 <b>7</b> 0	05-63	34.730	21.43		1477.7									
	085		05.63	34.760			1477.7									
	1195	00278	05.59 06.12	34.800 34.880	27.47 27.46		1480.2									
	STU	002300	05.94	34.83	27.45	00.298	1479.5									
	785	00300	05.94	34.930	27.45	00.2	1479.5									
	285	00316	05.58	34 - 82 0	27.48		1478.3									
	085	00320	05.65	34.800	27.46		1478.7									
	285	00328	05.65	34.970	27.52		1478.9									
	98.5	00340	05.56	34.900	27.55		1478 - 8									
	n35	00345	05-62	34.900	27.54		1479.1									
	UBS	00362	05.31	34.890	27.57		1478 - 1									
	510	00400	05-34	34.92	27.59	00.360	1478.9									
	DHS	00400	05.34	34.920	27.59		1479.9									
	085	00425	05.16	34.930	21.62		1478.6									
	085	00447	05.20	34.960	27-64		1479.1 1478.9									
	DRS STD	00475	05.02	34.980 35.02	27.68 27.69	00-411	1479.9									
	385	00500	05.16 05.16	35.020	21.69	00.411	1479.9									
	JAS	00514	05.31	35.040	27.69		1480 8									
	1185	00521	05.18	35.020	27.69		1480.4									
	STD	006 00	05.09	35.05	21.73	00.458	1481.3									
	1385	005 00	05.09	35.050	27.73		[48].3									
	510	00700	04.27	34.94	27.73	00.503	1479.5									
	ORS	00700	04.27	34.940	21.13		1479.5									
	U8 S	00715	04.25	34.940	21.73		1479.6									
	785	00740	94.28	14.920	27.71		1480.1									
	19.S	00750	04.22	34.930	21.73		1480.1									
	nn s	00767	04.31	34.920	27.71		1480.7									
	785	00717	04.16	34.930	27.74	00.547	1480-3									
	510	00900	04-16	34.93 34.930	27.74	00.547	1480.7									
	DAS	00800	04-16		27.74 27.77		1481.0									
	1185	00431	04.16	34.970			1481.0									
	085 085	00421	04.29 04.14	34.980 34.940	27.76 27.75		1481.7									
	510	00900	04.19	34.95	27.75	00.592	1482.5									
	UAS	00900	04.19	34.950	27.75		1482.5									
	STD	01000	04.06	34.93	27.75	00-638	1483.6									
	DAS	01000	04.06	34.930	27.75		1483.6									
	085	01009	04.03	34.930	21.75		1483.6									
	nes	01050	04.03	34.930	21.75		1484.3									

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

KEF10 31 4236 YEAR L CONSEC U111 40414 LAT 44-25 N DAY LONG 044-07 W HOUR 0	05 14	BOTOP 03237 SHIP EV OATA USE 1 AREA 05	AIR I MET S BARON CLUUG	SULR 07.2 SETR 1017.9		<sub>0</sub> 1 ρεβ 2 3	AIC-OVIL OPZ-OVIL REP-OVIL SEHTAEL		TRACT		09.2	5	N SJ 1 SJUARE SOUARE SQUARE	48
CASTNUM/TIME LVLTYP	DEPTH	TEMP	SAL	S I GMA-T	OYNDETH	SNO VEL	JX4 G	P)4	†⊕† P	402	NO3	5173	P 4	
510	30300	07.46	34.34	26.63	00.000	1458.0								
	00000	02.46	33.340	26.63		1458.0								
	00007	02.46	33,370	26.65		1458.2								
	00010	02.59	33.40	26.67	00-014	1450.8								
7.81	00010	02.59	33.400	26.67		1458.8								
510	00029	02.82	33.50	26,73	00.028	1460.1								
	00920	02.82	33.500	26.73		1460 - 1								
	00030	02 • 10	33.44	26.74	00.041	1457.1								
	000 30	02.10	33.440	26.74		1457-1								
	00039	02-09	33.570	26.84		1457.3								
	00040	02.24	33.600	26.85	_	1458-1								
	00050	01.94	33-75	27.00	00.065	1457.1								
	00050	01.94	33-750	27.00		1457.1								
	00067	02.39	33.470	27.06		1459.5								
	00073	02.00	33.870	27-08		1458.2								
	00073	01.99	34.100	27.27		1458.2								
	00075	02.08	34.11	27.2R	00.088	1458.6								
	00100	03.0+	34.25	27.31	00.108	1463.4								
	00100	03.04	34.250 34.390	27.31 27.35		1463.4								
	00120	03.63 03.58	34.38	27.36	00.127	1466.4								
	00125	03.58	34.180	27.36	00.121	1466 - 3								
	00147	03.92	34.430	27.37		1467.7								
	00150	04.01	34.55	27.45	00.145	1468.8								
	00150	04.01	34.550	27.45	00.147	1468.8								
	00175	04.74	34.670	27.47		1472.4								
	OULHO	04.93	34.700	27.48		1472.9								
	00700	04.05	34.59	27.4R	00.177	1469.8								
19.5	00200	04.05	34.590	27.4B		1469.9								
510	00250	04.36	34.75	27.57	00.206	1472.1								
	00250	04.36	34.750	27.57		1472.1								
	00100	05.16	34.72	21.61	00-233	1476.5								
	00 300	05.16	34.920	27.61		1476.5								
	00315	05.16	34.140	27.63		1476 - 8								
	00334	04-93	34.900	27.63		1476.1								
	00340	05.05	34.950	27.65		1476.8								
	00351	05.09	35.010	27.69		1477.2								
	00400	04.95 04.94	34 - 980	27.69	00 303	1476.9								
	00400	04.94	34.98 34.980	27.69 27.69	00.283	1477.3								
	00500	04.51	34.98	27.73	00.328	1477.6								
	00500	04.61	34.980	27.73	00. 12.0	1477.6								
	00600	04.43	34.78	27.75	00.371	1479.5								
	00600	04.43	34.980	27.75	• •	1478-5								
	00570	04.37	34.950	27.73		1479.4								
	00700	04 - 25	34.95	27.74	00.414	1479.4								
nes	00700	04.25	34.950	27.74		1479.4								
STD	00800	04.16	34.95	27-75	00.457	1480.7								
	00 ° 00	04.16	34,950	27.75		1480.7								
	00900	04.01	34.93	27.75	00-501	1481.7								
	00100	04.01	34.930	27.75		1481.7								
	01300	03.95	34.93	27.76	00.546	1483-1								
785	01000	03.95	34.930	27.76		1483.1								
	01100	03.94	34.93	27.76	00.590									
.te\$	01100	03.94	34.930	27.76		1484.7								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

	THOM S.	1972 H 05 14 09+1	30TOP 02195 SHIP EV DATA USE 1 AREA US	ATR T WET 8 8480M CLOUG	ULB 01.7 ETR 1020.7		GT PER 2 2	ALMD-DIR ALMD-SPO ALMO-EN ABHTABE		TRACE OURA!		0R DE R 0 07 • 2	5 2	N SQ 13 SQUARE SQUARE SQJARE	? 48
CASTNUM/TIM	LVLTYP	DEPTH	TEMP	SAL.	SI THA-T	OYNOPTH	SND VEL	γ×γ G	P34	TOT P	V02	103	\$173	Рч	
		00000	00 14	33.10	26.59	00.000	1447.3								
20	STO	00000	00.14 00.14	33.100	26.59	00.000	1447.3								
09.	085 085	00005	00.04	33.100	26.59		1446.9								
	STO	00010	- 0.01	33.16	26.64	00.014	1446.9								
	085	00010	- 0.01	33.160	26.64		1446.9								
	STO	00020	- 0.76	33.26	26.76	00.028	1443.7								
	ORS	00020	- 0.76	33.260	26.76	00 010	1443 • 7								
	SIO	00030	- 1.03	33.41	26.89 26.89	00.040	1442.8								
	085	00030	- 1.03 - 1.04	33.410 33.430	26.90		1442.8								
	095 STO	00050	- 0.51	33.76	27.15	00.061	1446-7								
	085	00050	- 0.51	33.760	27.15		1446.0								
	1185	00063	00.57	33-830	27-15		1451.3								
	510	00075	00.01	33.91	27.17	00.084	1448.9								
	OBS	00087	- 0.25	33.790	27.16	00	1447.9								
	210	00100	- 0.19	33.91	27.26	00.106	1448.6 1448.6								
	ORS	00100	- 0.18	33.910 34.05	21.26 21.35	00.125	1451.2								
	510 085	00125 00125	00.25 00.25	34.050	27.35	001123	1451 -2								
	STO	00150	01.19	34.36	27.54	00-141	1456 - 3								
	085	00150	01-19	34 - 360	27.54		1456.3								
	085	001 55	01.39	34.360	27.53		1457.2								
	085	00193	01.75	34 - 390	21.52		1459.5								
	STO	002 00	01.76	34.40	27.53 27.53	00.170	1459.7 1459.7								
	ORS STD	00200 00250	01.76 02.04	34.400 34.46	27.56	00.198	1461.8								
	082	00250	02.04	34.460	27.56	000170	1461.8								
	ORS	00282	02.24	34.530	27.60		1463-3								
	510	00300	02.68	34.56	27.58	00.225	1465.6								
	085	00300	02.68	34.560	27.58		1465 • 6								
	085	00327	05-14	34.930	27.62		1476.9								
	085	00344	04.74	34.880 35.000	27.63 27.67		1478.3								
	085 510	00380 00400	05-24 05-21	35.02	27.69	00.275	1478.5								
	085	00400	05-21	35.020	27.69	****	1478.5								
	STO	00500	04.62	34.98	27.72	00.320	1477.7								
	285	00500	04.62	34.980	27.72		1477 - 7								
	085	0 05 75	04.38	34.960	27.74	00 2.2	1477.9								
	510	00600	04.60	35.00 35.000	27.74 27.74	00.363	1479.3								
	08.5 (18.5	006 00 006 30	04.60 04.39	34.980	27.75		1478.9								
	085	00660	04.37	34.970	27.74		1479 - 3								
	085	00677	04-39	34.980	21.75		1479.6								
	510	00700	04.34	34.96	27.74	00.407									
	085	00700	04.34	34.960	27.74		1479.8								
	UAS	00718	04-33	34.960	27.74 27.74		1479.8								
	08 S 08 S	00721	04.26 04.23	34.950 34.950	27.74		1480.0								
	STO	00800	04.22	34.96	27.75	00.450	1480.9								
	085	00800	04.22	34.960	27.75		1480.9								
	085	00830	04.18	34.950	27.75		1481.3								
	08 S	00860	04.24	34,970	27.76		1482.0								
	STO	00900		34.97	27.76	00-494	1482.6								
	085	00900	04.22	34.970 34.960	27.76 27.75		1482 - 6								
	085 085	00917 00975	04.20 04.02	34.940	27.76		1483.0								
	510	01000		34.94	27.76	00.538									
	085	01000		34.940	27.76		1483.4								
	ORS	01020	04.04	34.950	27.76		1483.8								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF10 31 8296 CONSEC 0123 LAT 45 53 N LONG 049 06 H	YEAR 1972 MONTH 05 OAY 15 HUUR 17-0	RUTOP 00168 SHIP EV 0474 USE 1 4REA 05	AIR JEMP 02-8 WET RUL8 02-8 RARDHETR 1031-8 CL QUO 1/4	OIR HGT PER 23 O 2 SEA CL/TR	HIND-DIR 25 HIND-S <sup>2</sup> O 15 HIND-FOR HEATHER XI	INST STO RECORD TRACE DIR OUPATION O	DER TEN 50 1306 ) 5 SQUARE 4 DO-1 2 SQUARE 48 1 SQUARE 58
CASTHUM/TIME	LVLTYP DEPTH	TEMP S	AL SIGMA-T	OYNOPTH SHO VEL	)XYG P34	TOT P NO2 NO	)3 SID3 P4
17.0	\$10 00000 THS 00000 \$11 00010 URS 00010 \$10 00020 URS 00020 URS 00030 \$510 00030 085 00050 THS 00067 \$10 00050 THS 00067 \$10 00050 THS 00067 \$10 00050 THS 00067 \$10 00075 THS 00075 THS 00075 THS 00075 THS 00100 THS 00100 THS 00100 THS 00125 THS 00125 THS 00145	00-11 32 00-04 32 00-04 32 - 0.15 32 - 0.15 32 - 0.90 32 - 1.44 33 - 1.44 33 - 1.43 33 - 1.48 33 - 1.48 33 - 1.48 33 - 1.48 33 - 1.48 33 - 1.49 33 - 1.40 33 - 1.04 33 - 1.05 33 - 1	2.47	00.000   1446.8 1446.8 00.016   1446.7 1446.7 1446.7 1446.7 1445.9 00.078   1445.9 1442.8 00.078   1440.7 1440.9 1440.9 00.113   1441.1 1443.8 00.144   1443.8 00.145   1443.9 1443.9 1446.1 1447.6			
			*****	• • • • • • • •			
REFIO 31 8294 CONSEC 012: LAT 46 05 1 LONG 048 27 1	4 MONTH OS N DAY 15	BOTOP OOIOI SHIP EV OATA USE I AREA OS	AIR TEWP 02.8 MET BULR 02.2 BAROMETR 1031.5 CLOUD T/A	OIR MGT PER 33 O 2 SEA CL/TR	#INO-DIR 25 #INO-SPO 19 PER-ONIM REA-ONIM	INST STO RECORD TRACE OTR DURATION ORIS TIP 111	OER 75N SQ 1306 7 5 50JARE 4 00-1 2 SQUARE 68 1 SQUARE 68
CASTNUM/TIME	LVLTYP DEPTH	TEMP	SAL SIGMA-T	OYNDPTH SNO VEL	TXYG P34	TOT P NO2 N	03 S103 P4
19-1	STO 00000 085 00000 STO 00010 085 00010 STO 00020 085 00030 085 00030 085 00030 085 00030 085 00030	00.65 3 00.65 3 0 00.65 3 0 00.57 3 0 00.57 3 0 00.31 3 0 00.31 3 0 00.24 3	27-86 26-37 12-860 26-37 12-860 26-37 12-860 26-37 12-870 26-38 12-870 26-38 12-870 26-39 12-80 26-39 12-900 26-42 12-900 25-42 13-000 26-56	00.000 1449.3 1449.3 00-017 1449.5 1449.5 00.033 1449.3 00.050 1448.2 1449.2 00.082 1448.3 1442.7			
			*****	• • • • • • • • • • • • • • • • • • • •			
PFFID 31 8296 CONSFC 0125 LAY 46 14 N LONG 048 40 N	6 MONTH 05 4 DAY 15	80 TOP 00084 SHIP FV OATA USE 1 APEA 05	AIR TEMP 02.8 MET BULB 07.2 PAPOMETR 1031.5 CLOUD T/4	OIR HGT PER 26 2 2 SEA CL/TR	#140-01R 25 #140-50 15 #140-53R WEATHER X4	IMST STO RECORD TRACE OIR OURATION ( ORIG IIP 111	DER TEN SO 1306 DD 5 SQUARE 4 DO-1 2 SQUARE 68 1 SQUARE 68
CASTNIM/TIME		TEMP	SAL SIGNA-T	OANOLTH 240 AEF	)X4 <sup>G</sup> P)4	TOT P 402 40	03 2133 P4
20.5	\$10 00000 \$10 00010 \$10 00010 085 00010 085 00012 085 00020 085 00020 085 00030 085 00050 085 00050 085 00050	00.67 3 00.67 3 00.67 3 00.63 3 00.63 3 00.63 3 00.65 3 00.57 3 00.57 3 00.41 3	12.84   26.35     12.840   26.35     12.830   26.34     12.840   26.35     12.840   26.35     12.840   26.35     12.840   26.35     12.840   26.35     12.83   26.35     12.83   26.35     12.83   26.36     12.830   26.36     13.830   26.36	00.000   1449.4   1449.5   1449.5   1449.5   1449.5   1449.5   1449.5   1449.5   1449.4   1449.4   1449.6   1449.6			

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIN 31 3296 CONSEC 0126 LAT 41 17.5N LONG 050 20.0W	MONT'	0.6 0.7	BOTOP 03639 SHIP EV DATA USE 1 AREA 05	ATR 1 WET + 8ARON CL 100	NULH 17.8 ETP 1010.5	DLR H 15 SEA CL/TR	GT PER 4 2	MIND-OIP MIND-SPO MIND-FIR MEATHER	3,	TRAC DURA	STO REC F OIR STION G IIP III	0 •• co	5 2	N SO 1 SQUARE SQUARE SQUARE	l 00
CASTNUM/T[ME	LVLTYP	OEPTH	TEMP	SAL	513MA-T	DANOPIH	SNO AEr	OXYG	P 3 4	TOT P	N02	NO3	5133	P 4	
	SID	00000	19.75	36 • 39	25 • 91	00.000	1523.1								
37.8	09.5	00230	19.75	36.390	25.9L		1523.1								
•	DAS	00004	19.75	36.390	25.91		1523.1								
	510	00010	19.63	36.39	25.94	00.021									
	ORS	00010	19.63	36.390	25.94		1522.9								
	510	00020	19.62	36.18	25.94	00-042	1523.0								
	085	00050	19.62	36.385	25.94	00 04 3	1523 • 0								
	510	00030	19+32	36.29	25.95	00.063	1522.3								
	785	00030	19.32	36.295	25.95 26.24	00.101	1519.7								
	SID	00050	18.27	36 • 33 36 • 330	26.24	00.101	1519.7								
	085	00050 00075	19.27	36.46	26.48	00.144	1518.7								
	5 T O (38 S	00075	17.72	36.460	26-49	00.144	1518.7								
	510	00100	17.42	36.35	26.47	00.184									
	ORS	00100	17.42	36.350	26.47		1518.1								
	085	00108	17.39	36.395	26.51		1518 - 2								
	085	001 22	17.19	36.385	26.55		1517.8								
	510	00125	17.22	36.39	26.54	00.223	1517.9								
	1185	00125	17.22	36 - 390	26.54		1517.9								
	ii e s	00140	17.23	36 - 385	26.54		1518.2								
	stn	00150	17.15	36.36	25.54	00.262	1513-1								
	OBS	00150	17.15	36.365	26.54		1518.1								
	5 T p	00200	17.01	36.35	26.57	00-339	1518.5								
	99S	00200	17.01	36.355	26.57		1518.5								
	510	00259	16.54	36.29	26.63	00.415	1517 - 8								
	095	00250	16-54	36.295	26.63		1517.8								
	510	00300	15.91	36.16	26.68	00.489	1516.6 1516.6								
	085	00300	15.91	36.165	26.68		1513.7								
	085	00368	14.71	35.955	26.79 26.81		1514.2								
	185	00389	14.74 14.61	35.995 35.97	26.82	00.630	1513.9								
	5 T D 18 S	00400	14.61	35.970	26 • R2	00000	1513.9								
	510	00500	13.10	35.75	26.97	00.760	1510.3								
	985	00500	13.10	35.750	26.97		1510.3								
	5 T D	00460	10.92	35.40	27.12	00.876	1504.1								
	085	00600	10.92	35.405	27.12		1504.1								
	STD	00700	08.66	35.17	27.33	00.975	1497 • 2								
	785	00700	08-66	35.175	27.33		1497.2								
	085	00755	07.37	35.050	27.43		1493.0								
	OBS	00770	07.31	35.075	27.45		1493.0								
	OBS	00795	07.49	35-175	27.51		1494.3								
	STD	00900	07.42	35.16	27.51	01.056	1494+1								
	DRS	00900	07.42	35-165	27-51		1494.1								
	18.5	00830	06.91	35.135	27.56		1492.6								
	095	00840	06.95	35.170	27.58		1492.9 1492.9								
	OB S	0086B	06.80	35.175	27.60	01.121	1497 • 1 1488 • 1								
	510	00900	05.55	34.99 34.990	21.62 21.62	01.121	1488.1								
	BBS	00900	05.55 05.45	35.025	27.66		1488 -1								
	1185 1185	00920	05.45	35.023	27.67		1489.3								
	185	00940	05.19	35.015	27.69		1487.8								
	510	01000	05.34	35.07	21.12	01.177	1489.0								
	095	01300	05.34	35.075	21.12		1489.0								
	510	01100	04.95	35.07	27.76	01.227	1489.1								
	OBS	01100	04.95	35.070	27.76		1489.1								
	510	01200	04.72	35.07	27.79	01.273	1489.8								
	785	01200	04.72	35.075	27.79		1489.8								

REFIO CONSEC LAT LONG	41 3	8296 0127 37.5N 20.0w	YEAR MONTH OAY HOUR	05	BOTOP 03810 SHIP EV DATA USE 1 AREA 05	ATR T WET B BARON CLOUT	TULA 17.9	018 H 19 Sea Cl/tr		HIND-DIR HIND-SPD HIND-E TR HEATHER	3>	TRAC	STO REC E DIR TION TIP 111	00+3	5 2	EN SO L SOUARE SOUARE SOUARE	00
CAST	N UPI / 1	T L M E	LALLAb	ОЕРГН	TEMP	SAL	SIGMA-T	DANOBAH	SNO VEL	1 <b>4</b> ¢ G	P 14	INT P	SCF	NO3	5173	P 1	
			510	00000	19.66	36.11	25.72	00.000	1522.5								
	ı	0.4	nes	200.00	19-66	36-110	25.72		1522.5								
			08S 510	00002	19.59 19.61	36.110 36.11	25.73 25.73	00.023	1522.3								
			085	00010	19.61	36-110	25.73	00.023	1522.5								
			510	00020	19.57	36.08	25.72	00.046	1522.6								
			085	00020	19.57	36.095	25 - 72	00.040	1522.6								
			510 085	000 30	19,22 19,22	36.00 36.000	25.75 25.75	00.068	1521.6								
			STD	00050	15.67	35.66	26.35	00-109	1511.1								
			085	00050	15.67	35.660	26.35		1511-1								
			085 STD	0005A	15.07 15.67	35.480 35.88	26.34 26.52	00.149	1509.2								
			085	00075	15-67	35.880	26.52	00.149	1511 -8								
			DB 5	00077	15.58	35.825	26.50		1511-5								
			510	00100	14-12	35 - 51	26.58	00.187	1506.8								
			085 085	00100	14-12 13.45	35.515 35.500	76.58 26.71		1506.8 1504.7								
			085	00112	13.56	35.525	26.70		1505.2								
			510	00125	13-17	35.44	26.72	00.223	1504 - 0								
			085	00125	13.17 13.05	35.445 35.480	26.72 26.77		1504.0 1503.8								
			985	00147	13.13	35-485	26.76		1504.3								
			018	00150	13.09	35.45	26.74	00.257	1504.2								
			085	00150	13.09	35.455	26.74		1504 - 2								
			085 085	00152	13.05	35.480 35.500	26.77 25.78		1504.1								
			085	00164	13.05	35.520	25.80		1504.4								
			08.5	00188	12.83	35.480	26.82		1504 • 0								
			285 510	00200	13.01 12.91	35.525 35.50	26.92 26.82	00.323	1504.7								
			nBS	00200	12.91	35.505	26.8?	00.523	1504.5								
			085	00217	12.95	35.520	26.82		1504.9								
			08.5	00235	12.61	35.475	26.86	00 384	1504 • 0								
			510 085	00250	12-69 12-69	35.51 35.510	26.87 26.87	00.386	1504.6								
			085	00285	12.70	35.540	25.89		1505.2								
			510	00300	12.93	35-67	26.94	00.448	1506.4								
			085 J85	00300	12.93 11.74	35.670 35.490	26.94 27.04		1506.4								
			DAS	00355	11.83	35.520	27-04		1503.4								
			SID	00400	10.48	35.33	27-14	00.559	1499.1								
			085 510	00400 00500	10.48	35.330 35.10	27.14 27.30	00.654	1499 • 1 1493 • 1								
			085	00500	05-47	35.100	27.30	00.634	1493.1								
			085	00512	08.61	35.200	27.36		1493.9								
			085 085	00548	07-49 07.89	34.980	27.35		1489.9								
			012	00600	07.61	35.120 35.13	27.40 27.45	00.735	1491.8								
			085	006 00	07-61	35-125	27.45		1491.5								
			510	00700	06.09	35.04	27.59	00.803	1487.0								
			085 085	00700	06.09 05.51	35.040 35.060	27.59 27.68		1487.0								
			085	00770	05.74	35.090	27.68		1486.8								
			STD	00800	05.56	35.09	27-70	00-858	1486.6								
			085 085	00800	05.56 05.49	35.095 35.100	21.10 27.12		1486.6								
			085	00860	05.61	35.130	27.73		1487.9								
			510	00900	05 • 5 3	35.15	27.75	00.907	1488.2								
			085	00900	05.53	35.150	27.75		1488.2								
			085 510	00910	05.57 05.10	35.175 35.10	27.77 27.76	00.954	1488.6								
			085	01000	05.10	35.100	27.76		1488.1								
			085	01037	04.93	35-095	27.78		1488.0								
			085 51D	01080	04.71 04.68	35.065 35.06	27.78 27.78	01.000	1487.9								
			085	01130	04.62	35.060	21.19	-1.000	1488-2								
			510	01200	04.47	35.06	27.81	01-044	1488 - 8								
			085 085	01200	04-47 04-40	35.065 35.055	27.81 27.81		1488.8								
			00)	71233	04.40	37.077	21.01		, 4n7 • U								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF10 31 R246 CONSEC 0128 LAT 42 22 N LUNC 350 11 W	YEAR MONT DAY HOUR	06 07	BUTOP 03104 SHIP EV OATA USE I AREA OS	AIR T WET A RAPON CLOUG			GT PER S 3	WIND-DIR WIND-SPO WIND-FOR WEATHER	15	TRACE		00.3	5 2	N SQ 130 SOUARE SQUARE 2 SOJARE 2	t 20
CASTNUM/TIME	t VL T YP	OEPTH	TEMP	5 AL	SIGMA-T	OYNOPIH	SNO VEL	TXYG	P )4	TOT P	NO2	FOR	\$123	PH	
	510	00000	OA.17	33.04	25.73	00.000	1481.0								
18.1	08.5	00000	08.17	33.040	25.73		1481.0								
	SID	00010	02.97	33.30	26.55	00.019	1460.3								
	∩e5	00010	02.97	33.300	25.55		1460.3								
	STO	00020	00.76	33.12	26.57	00-034	1450.5								
	21.0	00030	- 0.68	33.04	26.58	00.048	1443.9								
	OBS	00030	- 0.6A	33.040	25.58	00 024	1443-9								
	5 <b>1</b> 0 085	00050	- 1.27	33.20	26.73	00.076	1441.7								
	\$ <b>T</b> U	00050 00075	- 1.27 - 1.30	33.205 33.30	26.73 26.81	00.108	1441.7								
	OBS	00075	- 1.30	33.300	25.81	00.100	1442-1								
	STO	00100	- 1.25	33.34	20.84	00-139	1442.8								
	785	00100	- 1.25	33-340	26.84	00.13,	1442.A								
	510	00125	- 1.18	33.37	26.86	00.169	1443.6								
	OBS	00125	- 1.18	33.370	70.86		1443.6								
	510	00150	- 1.03	33.43	26.90	00.198	1444.8								
	OBS	00150	- 1.03	33.430	26.90		1444.8								
	085	00165	- 0.91	33.600	27.04		1445 • 9								
	510	00200	04.92	34.38	27.21	00.249	1473-1								
	OHe	00200	04.97	34.380	27.21		1473-1								
	085 510	00730	05.66	34.500	21.22	00 304	1476 - 8								
	085	00250 00250	05•22 95•22	34.40	27.20	00.294	1475.2								
	78 S	00256	04.69	34.400 34.400	27.20 21.26		1475 • 2								
	095	00261	05-19	34.420	27.22 +		1475.3								
	510	00300	04.37	34.52	27.39	00.335	1472.7								
	ORS	00100	04.37	34.520	27.19	000,000	1472.7								
	7B5	00304	04.24	34.540	21.42		1472.2								
	385	00312	05.32	34.680	27.41		1477.3								
	ORS	00340	05.09	34.715	27.46		1476.6								
	0.85	00362	04.61	34.635	27.45		1474.9								
	OBS	00371	05.57	34.830	21.49		1479.2								
	985	003A2	05.52	34.820	27.49		1479 - 2								
	785 510	00388	05.62	34.940	27.50		1479.7								
	185	00400 00400	04.22 04.22	34.73 34.730	21.51 21.51	00.400	1474 • 0								
	510	00500	03.42	34.70	27.63	00.454	1474.0								
	185	00500	03.42	34.700	27.63	00	1472 .2								
	DB 5	00555	04.92	34.960	27.67		1479.8								
	STD	00500	04.R5	34.97	27.69	00.504	14R0.2								
	286	00601	04.65	34.970	27.69		1480.2								
	095	00645	05.01	35.020	27.71		1481.7								
	9B5	00669	04.90	35.015	21.12		1481.7								
	STO	00700	04.90	35.02	27.72	00.551	1482 • 2								
	085	00700	04.90	35.020	27.72	00 503	1482 - 2								
	STD DBS	00800	04-65	35.00	27.74	00.597	1482.8								
	510	009 00 008 00	04.65	35.005	27.74	00 663	1482.8 14R3.9								
	ORS	00 900	04.51 04.51	35.000 35.000	27.75 27.75	00.643	1483.9								
	510	01000	04.37	34.99	27.76	00.688	1484.9								
	085	01000	04.37	34.990	27.76	00.000	1484.9								
	ans	01095	04.28	34.980	27.76		1486.1								
		0.077	5												

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.— Continued

REFID 31 8296 CONSEC 0129 LST 42 29.5N LUNG 050 06 W	MONT: DAY	1972 1 06 07 20.0	8 TOP 02 754 SHIP EV OATA USE I 4PE4 05	ATR 1 MET 9 BARDY CLOUT	UIB 14.4 ETR 1000-9		GT PEB 2 2	WIND-DIR WIND-SPD WIND-FIR WEATHER		TR A OUR	CF (		0).3	5 2	S S N S O I	20
CASTNUM/TIME	LVLTYP	OEPTH	<b>LEMB</b>	5 41	SIGMA-T	O YNOP TH	SNO VEL	JXY G	P 14	101	ρ	V02	101	5133	P 4	
	510	00000	07-47	32.97	25.78	00,000	1479.2									
23.0	08.5	00300	07.47	32.970	25.78		1478 +2									
	STO	00010	05.97	32.88	25.91	00.022	1472.3									
	145	00013	05.97	32 - 880	25.91		1472.3									
	5.713	00020	01.47	32.7R	26.26	00.041	1453+2									
	185	00020	01.47	32-780	25.26		1453.2									
	STO	00030	00.12	32 - 88	20-41	00.058	1447.4									
	292	00030	00.12	32.975	26.41		1447.4									
	Տ <b>Րը</b> թ85	00050	- 1.18	33.20	26.72 26.72	680+00	1442.1									
	185	00050	- 1.18 - 1.30	33.200	26.71		1442.1									
	STD	00075	02.96	33.85	26.99	00.118	1462-1									
	510	00100	06.01	34.33	27.04	00.144	1475.9									
	ORS	00,00	06.01	34.330	27.04		1475.9									
	STD	00125	07.17	34.52	27.04	00.170	1481-1									
	785	00125	07.17	34-520	27.04		1481.1									
	STO	00150	08.03	34.76	27.10	00.196	1485.2									
	385	00150	08.03	34.760	27-10		1485.2									
	dBS	00160	08.08	34.780	27-11		1485.6									
	1(95	00163	07.50	34.700	27.13		1483.6									
	510	00200	08.84	34.99	27.16	00.245	1487.4									
	18 S 28 S	00200 00204	08.84 08-93	34.990 35.000	27.16 27.15		1489.4 1489.8									
	STD	00259	07.26	34.86	27.29	00.290	1484.0									
	395	00250	07-26	34.860	27.29	00.270	1484.0									
	OBS	00285	05.71	34.690	27.37		1478 -2									
	785	00293	06.01	34.745	21.37		1479.6									
	510	00300	05.95	34 - 74	27.37	00.329	1479.5									
	195	10301	05,95	34.740	27.37		1479.5									
	URS	00306	05.91	34.785	21-42		1479.5									
	JB S	00319	06.27	34.860	27.43		1461.2									
	n <sup>R</sup> S	00345	06.12	34.895	27.48		1481-1									
	280	00367	06.21	34.900	27.47	00.397	1481 -8									
	385 385	00400 00400	05.34 05.34	34.86 34.860	27.55 27.55	00. 541	1478.8 1478.8									
	085	00415	04.84	34.805	27.56		1476.9									
	085	00430	05.71	34.970	27.59		1480.9									
	J9.5	00450	05.63	34.960	27.59		1480.9									
	510	00500	03.65	34.71	21.62	00.453	1473.2									
	185	00500	03.65	34.715	27-62		1473.2									
	18.5	00505	03.60	34.750	27.65		1473.2									
	745	30535	03.60	34.760	27.64		1474.5									
	CBS	00540	03.63	34.780	27.67	00 503	1473-9									
	OTE	006 00	03.99	34.86	27.70	00.503	1476.5									
	285	00600 00640	03.99 04.56	34.860 34.940	27.70 27.70		1476 • 5									
	DRS	006 89	04-23	34.955	27.75		1479.1									
	510	00700	04.36	34.96	27.74	00.548	1479.9									
	08.5	00700	04.36	34-960	21-74		1479.9									
	285	00770	04.20	34.950	27.75		1480.3									
	7B S	00780	04.33	34.970	27.75		1491.1									
	SID	00900	04.34	34.96	27.74	00-593	1481.4									
	985	00400	04.34	34.965	21.74		1481.4									
	STO	00900	04.60	35.31	27.75 27.75	00.637	1484.3									
	S # D	00900	04-60 04-41	35.015 35.00	27.76	00.683	1485.1									
	1185	01000	04.41	35.000	27.76	00,000	1485.1									
	STD	01100	04-29	34.99	27.77	00.728	1486.3									
	∩as	01100	04-29	34.990	21.77		1486.3									
	280	01105	04.27	34.995	27.77		1486.3									

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 CONSEC 0130 LAT 42 41.5N LONG 050 03 W	YEAR MONTH OAY HOUR	06 07	80TOP 01326 SHIP EV OATA USE 1 AREA 05	AIR THET BARON	ULB 13.9 ETR 1011.0	OIR HO 20 : SEA CL/TR	57 PER 2 2	#140=91R W140=5P0 #140=F3R WEATHER	03	YR AC D'UR 4	STO REC E OIR TION I IP III	0º 0E R 0 03.3	5 2	N SO 1: SOUARE SOUARE SOUARE	1 20
CASTNUM/TIME	LVLTYP	OEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	7XYG	P)4	TOT P	NO <sub>2</sub>	403	5173	PЧ	
	510	00000	10.83	33.31	25.51	00.000	1491.2								
22.0	2 8O	00000	10.83	33.310	25.51		1491 -2								
	STO	00010	11-11	33.31	25.46 *	00.025	1492 - 4								
	085 STD	00012	11.18 06.45	33.308 33.01	25 <b>.45</b> 25 <b>.9</b> 5	00.048	1474.6								
	510	00030	02.03	32-78	26.21	00.067	1455.9								
	085	00038	- 0.16	32.712	26.29		1446.0								
	STO	00050	- 0.38	32.87	26.43	00.102	1445.4								
	085	00054	- 0.54	32.916	26.47		1444.8 1442.1								
	085	00065 00069	- 1.18 - 1.19	33.012 33.041	26.57 26.59		1442.2								
	510	00087	- 1.40	33.09	26.64	00.139	1441.4								
	085	00075	- 1.42	33.095	26.64		1441.3								
	085	00098	- 1.62	33.311	26.82	_	1441-0								
	510	001 00	- 1.56	33.32	26.83	00.172	1441.3								
	OAS	00115	- 1.24	33.403 33.443	26.89 26.92		1443.2								
	08 S S T D	00125	- 1.26 - 1.16	33.49	26.95	00.201	1443.9								
	085	00127	- 1.09	33.513	26.97		1444.3								
	082	0013A	- 0.85	33.545	26.99		1445.6								
	082	00148	00.00	33.659	27.05		1449.9								
	510	00150	00.18	33.67	27.05 27.06	00,228	1450.7 1461-8								
	085	00176 00190	02+49 03+21	33.881 34.007	27.10		1465.3								
	STO	00200	03.22	34.01	27.10	00.278	1465.5								
	085	00206	03.23	34.018	27.10		1465.6								
	085	00210	03.30	34 • 049	27.12		1466.1								
	085	00232	01.62	33.945	27.18	00.326	1459.0								
	510 580	00250 00250	03.22 03.35	34.11 34.131	27.18 27.18	00.326	1467.1								
	280	00258	04.63	34.378	27.25		1472.9								
	085	00286	01.69	34.022	27.23		1460.3								
	510	00300	00.52	34.03	27.32	00.368	1455-3								
	280	00306	00.48	34.038	27.33		1455.2								
	280 012	00322	01.89 05.54	34.338 34.82	27.47 27.49	00.438	1462 • 2 14 <sup>79</sup> • 6								
	085	004 01	05.63	34.835	27.49	00.	480.0								
	085	00412	05.41	34.808	27.50		1479.2								
	085	00423	05.36	34.953	27.54		1479.3								
	510	00500	04.34	34.85	27.65	00.496	1476.3								
	280 280	00509 00520	04.25 04.16	34.830 34.809	27.65 27.64		1475.8								
	085	00560	04.37	34.883	27.68		1477.5								
	STD	00600	04.74	34.97	27.70	00.545	1479.8								
	085	00638	04.92	35.026	27.73		1481 - 3								
	085	00699	04-84	35.040	27.75	00.590	1482.0								
	ST0 085	00700	04.84 04.74	35.04 35.035	27.75 27.75	00.590	1482.6								
	510	00800	04-65	35.03	27.76	00.635	1482.8								
	085	00821	04.61	35.024	27.76		1483-0								
	085	00876	04-51	35-024	27.77		14R3_5								
	510	00900	04.48	35.02	27.77	00.678	1483.8								
	085 510	00967	04.41 04.37	35.015 35.01	27.78 27.78	00.722	1484.6								
	085	01082	04.29	35.004	27.78	00.122	1486.0								
	STO	01100	04.28	35.00	27.78	00-765	1486.2								
	085	01162	04.23	34.994	27.78		1487-1								
	085	01184	04.21	34.992	27.78	00 010	1487.4								
	012	01200	04.20	34.99 34.992	27.78 27.78	00.810	1487-6 1487-6								
	085 Oas	01201 01214	04 • 20 04 • 18	34.992	27.78		1487.7								
		31214													

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFLO 31 8246 CUNSEC 0131 LAT 42 45.54 LONG 050 02.56	TPOM H DAY	1972 H 05 07 23.8	SOTOP 00455 SHIP EV DATA USE 1 AREA 05	AIR WET ( RARD) CLOU	RULB 12.2 4ETK 1011.9	OIR H 19 5EA CL/TR		WEND-OLK WEND-SPO WEND-EDK WENTHER	1 >	TRAC	STO REC E OIR TION IIP 111	93080 ( 3.co	TEN 50 1307 5 5204RE 1 2 5204RE 20 1 5004RE 20
C&STNUM/TIME	LVLTYP	0Ep TH	TEMP	SAL	SIGMA-I	OYNDPTH	SND VEL	O X Y G	P74	101 P	NO5	ND3	\$133 P4
	STO	00000	10.83	33.21	25.43	00-000	1491.1						
23.8	085 510	00000	10.83	33.210 32.68	25.43 25.33 •	00.026	1491 • 1 1483 • 8						
	280	00010	08.97	32.680	25.33		1483-8						
	OR S STD	00011	10-93 08-12	33.214 32.80	25.44 25.55	00.052	1491.3						
	085 510	00025	06.01 03.59	32.645 32.66	25.72 25.99	00.074	1472.4						
	OBS	00039	00.33	32.692	26.25		1448.2						
	DRS 085	00047	- 0.06 - 0.04	32.823 32.847	26.38 26.39		1446.7						
	510 085	00050	- 0.14 - 0.25	32.87 32.890	26.42 24.44	00.110	1446.5						
	DRS	00057	- 0.50	32.909	26.46		1445.0						
	985 085	00063	- 0.67 - 0.93	32.932 32.984	26.49 26.54		1444.4						
	STO	00075	- 0.97 - 1.07	33.00 33.046	26.56 26.59	00.149	1443.3						
	OBS	00080	- 1.50	33.100	26.65		1441.0						
	510 085	00100	- 1.56 - 1.55	33.29 33.290	26-81 26.81	00.183	1441.3						
	28C 012	00112	- 1.58	33.340 33.42	26.85 26.90	00-213	1441.5						
	ORS	00125	- 1.26 - 1.26	33.420	26.90		1443.3						
	5 T.O. O.R.S.	00150	- 0.89 - 0.89	33.52 33.525	26.98 26.98	00.241	1445 - 6						
	285	00172	- 0.85	33.540	26.99	00 203	1446.2						
	5 T D 9 R S	00203	- 0.43 - 0.43	33.67 33-670	27.07	00-293	1448.8						
	085 510	00220	- 0.14 - 0.08	33.755 33.79	27.13 27.16	00.341	1450.5						
	08.5	00250	- 0.08	33.795	27-16		1451.4						
	085 085	00272 00287	00.16	33.905 33.910	27.24		1453.3						
	STD OBS	00300	00.17	33.97 33.970	21.29 21.29	00-383	1453.6 1453.6						
	78 S	00312	00.45	34.020	27.31		1455-1						
	085 085	00350 00368	00.57 00.70	34.065 34.110	27.34 27.37		1456.4						
	085	00385	01.17	34.270	27.47 27.47	00.455	1459.9						
	5 t O OR S	П0400 00400	03.37	34.49 34.495	27.47	00.477	1470.1						
	985 985	00410 00422	03.79 03.32	34.560 34.500	27.48 27.48		1472.1 1470.3						
					• • • • •	• • • • • • • •	•						
REF10 31 9296		1972	8010P 00241	AIR 1			GT PER	#140-01R			STO REC		TEN SQ 1307
CONSEC 0132	TMD# YAC	1 05 0₽	SHIP EV DATA USE I	BAPT	1014   12.2 1616   1011.9	19 SEA	3 2	#140-5P0 #140-F0R	15	TP AC DIJKA	E DER Tean	02.2	5 SQUARE 1 2 SQUARE 20
CONSEC 0132	TMD# YAC	+ 05	SHIP EV	wer :	1014   12.2 1616   1011.9	19	3 2	#140-2 <sub>b</sub> u	15	TP AC DIJKA	F DIR	02.2	5 SQUARE 1
CONSEC 0132 LAT 42 50.5N LONG 050 00.5W	TMD# YAC	1 05 0₽	SHIP EV DATA USE I	BAPT	1014   12.2 1616   1011.9	19 SEA	3 2	#140-5P0 #140-F0R	15	TP AC DIJKA	F OLR TLUN TIP LL1	02.2	5 SQUARE 1 2 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M	HDDR JAA MUMI	05 08 00-7 06-7	SHIP EV DATA USE 1 AREA 05	SAL	SULA [2.2 METP 1011.9 ) T/4 SIGMA-T 25.57	SEA CL/TR	3 2 5ND VEL 1486-3	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M	MUMP VAC RUCH PYTJVJ OTZ JHS	05 08 10-7 05PIH 00000	SHIP EV DATA USE 1 AREA 05	WET 6 8APTY CLOU' SAL 33-11 33-110	SULA [2.2 METP 1011.9 ) T/4 SIGMA-T 25.57 25.57	19 SEA CL/TR	3 2 5NO VEL [486-3 [486-3	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	TMDM PAC RLOH PYTJVJ OTS PRC PRC STO SPC STO	05 08 00.7 0EPIH 00000 00000 00005 00010	SHIP EV DATA USE 1 AREA 05  TEMP 09-55 09-55 09-55 09-55	SAL 33-11 33-110 33-100	SIGMA-T 25.57 25.57 25.57 25.57 25.57 25.57	19 SEA CL/TR	3 2 5ND VEL 1486.3 1486.4 1486.4	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT DAY HOUR EVLTYP STO JHS OHS STO OHS OHS	05 08 10+7 DEPEH 00010 00000 00005 00010 00014	SHIP EV PATA USE I AREA 05 TEMP 09-55 09-55 09-55	SAL  33-11  33-10  33-10  33-10  33-10  33-10  33-10	SIGMA-T 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57	19 SEA CL/TR DYNDPTH GO.GOO	3 2 SNO VEL [486.3 1486.4 1486.4 1486.4	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT DAY HOUR EVLTYP STO JHS OBS STO OBS STU	05 08 08 10-7 00010 00000 00005 00010 00010 00010	5MIP EV PATA USE 1 AREA 05 TEMP 09-55 09-55 09-55 09-54 09-55 09-55 07-62	MET 0 8APri CLOU' 5AL 33-11 33-10 33-10 33-10 33-10 33-10 33-10 33-10	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.57  25.57  25.57	19 SEA CL/TR DYNOPTH 00-000 00-024	5NO VEL 1486 - 3 1486 - 4 1486 - 4 1486 - 6 1486 - 6 1479 - 2	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	LVLTYP  STD JAS 195 STD ORS STD ORS STD ORS STD ORS	05 08 08 08 00.7 00000 00000 00005 00010 00014 00020 00030 00031	5MIP EV 24TA USE 1 05  TEMP  09-55 09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-56 09-56 09-56 09-56 09-56	SAL  33-11  33-110  33-100  33-100  33-103  33-116  33-02  32-93  32-933	SIGMA-T  25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.58 25.90 26.17 26.22	19 SEA CL/TR DYNOPTH 00-000 00-024	5NO VEL 1486 - 3 1486 - 4 1486 - 4 1486 - 6 1479 - 2 1464 - 3 1462 - 0	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	LVLTYP STO JHS STO JHS STO OHS OHS OHS STU STO	05 08 00-7 00-7 00000 00000 00005 00010 00014 00020 00030	SMIP EV 24TA USE 1 05  TEMP  09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-59 09-59	SAL 33-11 33-110 33-100 33-103 33-103 33-103 33-103	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.57  25.57  25.57  25.57  25.57	19 SEA CL/TR DYNOPTH 00-000 00-024	5ND VEL 1486 - 3 1486 - 3 1486 - 4 1486 - 4 1486 - 4 1487 - 2 1464 - 3	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT DAY HOUR STO DAS STO OHS STO OHS STO DAS STO DAS STO DAS STO DAS	05 0F 0F 10-7 00000 00000 00013 00014 00020 00031 10033 00045	5MIP EV 24TA USE 1 05  TEMP  09-55 09-55 09-55 09-55 09-55 09-56 09-59 03-40 01-04 00-56 00-31	SAL  33-11 33-110 33-100 33-100 33-103 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120 33-120	SIGMA-T  25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.58 26.17 26.22 26.43 26.48 26.53	19 SEA CL/TR DYNOPTH 00-000 00-024	5ND VEL [486 - 3 [486 - 3 [486 - 4 [486 - 4 [486 - 6 [477 - 2 [464 - 3 [462 - 0 [451 - 8 [449 - 8 [449 - 8	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT DAY HOUR STO DAY	05 0F 00-7 00-7 00000 00000 00005 00013 00016 00020 00031 00031 00031 00035 0005 0005 0005	SMIP EV PATA USE 1 OS  TEMP  09-55 09-55 09-55 09-55 09-55 09-55 09-56 09-55 01-02 03-95 01-04 00-56 00-31 00-18	SAL  33-11 33-110 33-100 33-100 33-103 33-103 33-103 33-103 33-103 33-110 33-110 33-110 33-110 33-110 33-110 33-110 33-110 33-110 33-110 33-110 33-110	SIGMA-T  25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.58 26.17 26.22 26.43 26.53 26.58	19 SEM CL/TR DYNOPTH 00.000 00.024 00.047 00.068	3 2 5ND VEL 1486-3 1486-4 1486-6 1479-2 1464-3 1462-3 1462-3 1464-8 1449-8 1449-8 1449-8	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT YEAR OF THE PROPERTY OF T	05 0FPTH 00000 00000 00005 00010 00010 00010 00011 00010 0000 00010 0000 00010 00010 00010 00010 00010 00010 00010 00010 00010 00010 0000 0000 0000 0000 0000 0000 0000 0000	TEMP  09-55 09-55 09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-56 00-31 00-18 00-77	WET : 8APO CLOU' SAL 33-11 33-110 33-10 33-10 33-10 33-10 33-10 33-10 33-10 33-13-33-32-960 32-96 33-34 33-33-33-33-33-33-33-33-33-33-33-33-33-	SIGMA-T 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.58 25.58 26.17 26.22 26.43 26.48 26.53 26.58 26.58	19 SEA CL/TR DYNOPTH 00_000 00-024 00-047 00-06R	3 2  5ND VEL [486-3 [486-4 [486-4 [486-4 [486-6 [479-2 [469-8 [44	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka I b a C	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT YARY HOUR STO JAS ORS JAS ORS STO URS STO URS STO URS ORS JAS ORS	05 0F 10-7  DEPTH 00013 00005 00013 00014 00020 0003 0005 00013 0005 0005 0005 0005 00	TEMP  09-55 09-55 09-55 09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-56 09-62 03-95 03-60 01-04 00-56 00-31 00-18 00-79 00-87 00-98	WET : 8APP)	SIGMA-T 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.58 26.80 26.62 26.43 26.43 26.43 26.53 26.58 26.58 26.58	19 SEA CL/1R DYNOPTH 00.000 00-024 00.047 00.068	3 2  5ND VEL  1486-3 1486-4 1486-4 1486-6 1479-2 1464-3 1462-0 1451-8 1449-8 1448-4 1451-1 14	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	VICKT DAY HOUR STO DAS ORS STO DRS	05 0F 00-7 00-7 00000 00000 00005 00013 00016 00020 00031 00031 00045 00050 00057 00077 00071 00075	SMIP EV 24TA USE 1 05  TEMP  09-55 09-55 09-55 09-55 09-55 09-55 09-56 00-31 00-18 00-79 00-87 00-98 01-14 01-05	SAL  33-11 33-110 33-100 33-100 33-100 33-100 33-100 33-11	SIGMA-T  25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.58 26.62 26.62 26.65 26.58 26.58 26.58 26.58 26.58 26.58 26.66	19 SEM CL/TR DYNOPTH 00.000 00.024 00.047 00.068	3 2  5ND VEL  1486-3  1486-4  1486-4  1486-6  1477-2  1464-3  1464-8  1449-8  1448-8  1448-8  1451-5  1451-9  1453-5  1453-2	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	WORKEDAY HOUR  LVLTYP  STO JHS ONS STO ONS STO JHS	05 0FPTH 00000 00000 00005 00013 00014 00073 00073 00050 00050 00057 00073 00075 00075	TEMP  09-55 09-55 09-55 09-55 09-55 09-56 09-55 09-56 09-56 09-57 00-87 00-87	WET : 8APO: CLOU'S AL 33-11 33-110 33-10 33-10 33-10 33-10 33-116 33-02 32-98 33-14 33-157 33-21 33-24 33-157 33-21 33-24	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.58  26.17  26.22  26.43  26.58  26.58  26.58  26.58  26.59  26.62	19 SEA CL/1R DYNOPTH 00.000 00-024 00.047 00.068	3 2 5ND VEL 1486 - 3 1486 - 4 1486 - 6 1477 - 2 1464 - 3 1462 - 0 1451 - 8 1449 - 8 1449 - 8 1451 - 5 1451 - 5 1453 - 5 1453 - 5 1453 - 5	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	VICELY P STO JAS OAS OAS OAS OAS OAS OAS OAS OAS OAS O	05 0F 10-7  DEPTH 00013 00000 00013 00013 00013 0005 00013 0005 00013 0005 00013 0005 00013 0005 00013	TEMP  09-55 09-55 09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-62 03-95 03-90 01-04 00-56 00-31 00-18 00-17 00-98 01-14 01-05 01-01 01-28 01-29 01-31	WET : 8APO: 1010 SAL 33-11 33-110 33-10 33-10 33-10 33-10 33-10 33-10 33-11 33-2-96 33-13 32-96 33-13 33-24 33-254 33-278 33-28 32-28 32 32-28 32 32-28 32 32-28 32 32-28 32 32-28 32 32-28 32 32-28 32 32-28 32 32 32 32 32 32 32 32 32 32 32 32 32	SIGMA-T 25.57 25.57 25.57 25.57 25.57 25.57 25.58 26.17 26.22 26.43 26.48 26.53 26.48 26.53 26.58 26.58 26.58 26.66 26.65 26.67	19 SEA CL/1R DYNOPTH 00.000 00-024 00.047 00.068	3 2  5ND VEL  [486.3  1486.4  1486.4  1486.4  1486.6  1479.2  1462.0  1464.8  1464.8  1448.4  1451.5  1451.5  1452.5  1453.2  1453.2	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	ACTUAL STO CHES CHES STO CHES CHES CHES CHES CHES CHES CHES CHES	05 0F 10-7  DEPTH 00013 00000 00005 00013 00010 00013 00017 00075	SMIP EV PATA USE 1 AREA 105  TEMP 09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-59 01-06 00-31 00-18 00-79 00-87 00-98 01-14 01-05 01-01 01-28 01-29 01-31 01-32 01-25	WET : 8APP)	SIGMA-T 25.57 25.57 25.57 25.57 25.57 25.57 25.57 25.58 26.17 26.22 26.43 26.43 26.43 26.53 26.65 26.65 26.65 26.67 26.67 26.67 26.67 26.67	19 SEA CL/TR DYNOPTH 00.000 00-024 00.047 00.06R 00.101 00-139 00.174	3 2  5NO VEL  1486-3  1486-4  1486-4  1486-6  1479-2  1464-3  1462-0  1451-8  1449-8  1449-8  1451-9  1452-5  1453-2  1454-9  1454-9  1454-9  1454-9  1454-9	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	VICKE STO JAS	05 0FPTH 00013 00000 00014 00020 00017 00071 00075 00013 00015 00015 00015 00015 00015 00015 00111 00125 00111 001	SMIP EV 24TA USE 1 05  TEMP  09-55 09-55 09-55 09-55 09-56 09-56 09-56 09-51 00-18 00-79 00-87 00-98 01-14 01-28 01-29 01-31 01-32 01-25	WET : 8APO CLOU'S SAL 33-11 33-110 33-10 33-10 33-10 33-10 33-116 33-02 32-986 33-95 33-14 33-157 33	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.57  25.58  26.17  26.22  26.43  26.43  26.58  26.58  26.58  26.66  26.65  26.67  26.67  26.67  26.67  26.67  26.67	19 SEM CL/TR DYNOPTH 00.000 00.024 00.047 00.068 00.101	3 2 5NO VEL 1486 - 3 1486 - 4 1486 - 6 1477 - 2 1464 - 3 1462 - 0 1451 - 8 1449 - 8 1449 - 8 1451 - 5 1452 - 5 1453 - 1 1452 - 5 1453 - 1 1454 - 1 1455 - 1 1455 - 1 1455 - 1	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONTY MONTY MONTY STD JHS STD OHS	05 0FPTH 00013 00000 00001 00015 00013 00015 00013 00015 00013 0015 0015	SMIP EV 24TA USE 1 05  TEMP  09-55 09-55 09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-60 01-06 00-87 00.87 00.98 01-14 01-05 01-28 01-28 01-28 01-28 01-28 01-28 01-28 01-28 01-31 01-31	WET : 8APO: 1	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.58  26.17  26.22  26.43  26.43  26.48  26.58  26.59  26.65  26.65  26.67  26.67  26.67  26.67  26.67  26.79	19 SEA CL/TR DYNOPTH 00.000 00-024 00.047 00.06R 00.101 00-139 00.174	3 2  5NO VEL 1486.3 1486.4 1486.4 1486.4 1486.4 1486.6 1479.2 1462.0 1451.8 1449.8 1449.8 1449.8 1451.5 1453.1 1452.5 1453.2 1453.1	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT PARTY P	05 0F 10-7  DEPTH 00013 00000 00015 00013 00010 00010 00013 00011 00075 00011 0012 00113 00111 0012 00113 00113 00150 0016 00178 00178 00178 00178 00178	SMIP EV PATA USE 1 AREA 105  TEMP 09-55 09-55 09-55 09-55 09-56 09-56 09-56 00-31 00-18 00-79 00-87 00-98 01-14 01-05 01-01 01-28 01-29 01-31 01-32 01-32 01-35 01-37 00-97 00-97	WET : 8APO: 1	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.57  25.57  26.72  26.17  26.72  26.65  26.65  26.65  26.67  26.67  26.73  26.73  26.73  26.73  26.73  26.73  26.73  26.73	19 SEA CL/TR DYNOPTH 00.000 00-024 00.047 00.06R 00.101 00-139 00.174	3 2  5ND VEL  1486.3 1486.4 1486.4 1486.4 1486.6 1477.2 1462.0 1451.8 1462.1 1464.8 1448.8 1448.8 1451.5 1452.5 1453.5 1454.9 1455.1	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONTO THE CONTROL OF C	05 0FPTH 00010 00000 00001 00005 00013 00015 00011 00015 00011 00015 00011 00105 00105 00105	SMIP EV 24TA USE 1 05  TEMP  09-55 09-55 09-55 09-55 09-55 09-55 09-56 00-31 00-18 00-79 00-87 00-98 01-14 01-05 01-01 01-29 01-31 01-32 01-22 01-31 01-35 00-97	WET : 8APP CLOU'S AL 33-11 33-110 33-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30-10 30	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.57  25.58  26.17  26.22  26.43  26.58  26.58  26.58  26.66  26.67  26.67  26.67  26.67  26.67  26.82	19 SEA CL/TR DYNOPTH 00.000 00-024 00.047 00.06R 00.101 00-139 00.174	5NO VEL [486 - 3 1486 - 3 1486 - 4 1486 - 6 1470 - 2 1464 - 3 1462 - 0 1451 - 8 1449 - 8 1451 - 5 1451 - 5 1451 - 5 1452 - 5 1453 - 2 1453 - 1 1454 - 7 1455 - 1 1454 - 9 1454 - 9 1454 - 9 1453 - 3	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONT TABLE TO THE TABLE TO THE TABLE	05 0FPTH 00013 00000 00011 00071 00075 00013 00015 00015 00112 0015 0015 0015 0015 0	SMIP EV PATA USE 1 05  TEMP  09-55 09-55 09-55 09-55 09-56 09-56 09-56 00-31 00-18 00-79 00-87 00-98 01-14 01-05 01-01 01-28 01-29 01-31 01-32 01-25 01-22 01-131 01-32 01-25 01-27 00-98	WET : 8APO CLOU'S AL 33-11 33-110 33-10 33-10 33-10 33-10 33-116 33-02 32-960 32-986 33-14 33-157 33-115 33-24 33-24 33-24 33-24 33-24 33-25 33-	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.57  25.58  26.17  26.22  26.43  26.48  26.58  26.65  26.65  26.67  26.67  26.67  26.67  26.67  26.69  27.00	19 SEA CL/TR DYNOPTH 00-000 00-024 00-047 00-101 00-139 00-174 00-209 00-243	5ND VEL [486 - 3 1486 - 4 1486 - 4 1486 - 4 1486 - 6 1477 - 3 1462 - 0 1471 - 3 1462 - 0 1451 - 8 1448 - 4 1451 - 5 1453 - 2 1453 - 2 1453 - 2 1455 - 1 1454 - 9 1455 - 1 1454 - 9 1455 - 1 1454 - 9 1454 - 9 1455 - 1 1454 - 9 1455 - 9 1456 -	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20
CONSEC 0132 LAT 42 50.5N LONG 050 00.5M CASTNUM/TIME	MONTO THE STO	05 0FFH 00013 00000 00005 00013 00010 00013 00013 00013 00013 00013 00013 00013 00013 00013 00100 00003 00101 00100 00103 00111 00125 00113 00160 00178 00178 00178 00179 00199	SMIP EV PATA USE 1 AREA 105  TEMP  09-55 09-55 09-55 09-56 09-56 09-56 09-56 09-59 01-06 00-31 00-18 00-79 00-87 00-98 01-14 01-05 01-01 01-28 01-29 01-31 01-32 01-25 01-25 01-25 01-25 01-25 01-25 01-25 01-25 01-25 01-25	SAL  33-11 33-110 33-100 33-100 33-100 33-103 33-110 33-120 33-110 33-120 33-131 32-986 33-93 32-986 33-93 33-14 33-24 33-278 33-21 33-37 33-21 33-37 33-21 33-37 33-21 33-37 33-21 33-37 33-37 33-37 33-37 33-37 33-37 33-37	SIGMA-T  25.57  25.57  25.57  25.57  25.57  25.57  25.58  26.17  26.22  26.43  26.48  26.53  26.58  26.65  26.67  26.67  26.67  26.67  26.67  26.67  26.67  26.69  26.75  26.75  26.89  26.940  26.940  26.940  26.940  27.00  27.00	19 SEA CL/TR DYNOPTH 00-000 00-024 00-047 00-101 00-139 00-174 00-209 00-243	3 2  5NO VEL  1486-3  1486-4  1486-4  1486-6  1479-2  1464-3  1462-0  1451-8  1449-8  1448-4  1451-5  1453-1  1452-5  1453-1  1455-0	WIND-SPO WIND-FOR WEATHF?	15 XL	O <sub>S</sub> I C Dinka TEAC	F OLR TLUN TIP LL1	02.5	5 SQUARE 1 2 SQUARE 20 1 SQUARE 20

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 8296 CONSEC 0133 LAT 43 22 N LONG 050 00 W	MAY PAY	1972 + 06 - 03 - 02.2	BOTOP 00073 SHIP EV OATA USE 1 AREA 05	HET I	TOL8 10.0 TETP 1013.2		GT PER 3 2	#140-31p #140-590 #140-51R #64 1463	12	DIPA	STO REC E DIR TLON TIP III	0).1	5	N 53 I: SQUARF SQUARF SQUARE	1 20
CASTNUM/TIME	LVLTYP	DEptH	TEMP	54L	513M4-1	DYNDPTH	SNO VEL	DXYG	P)4	101 0	NO2	NO3	5133	Pi	
	5 T n	20000	06.22	32.86	25.86	00.000	1473.1								
02.2	285	กอออา	06.22	32.865	25.86		1473-1								
	ORS	0000R	06.21	32,361	25.86		1473.2								
	510	00010	06.21	32.86	25.R6	00.021	1473-3								
	0.85	00014	06.22	32.863	25.86		1473+4								
	09.5	81000	06-22	32.868	25.86		1473.4								
	510	000.20	06.12	32.79	25.A2 *	00.043	1473.0								
	OB 5	00023	05.32	32.686	25.83		1469.6								
	085	00027	03.53	32.693	26.02		1462.2								
	510	noo30	03.00	32.77	26.13	00.064	1460.1								
	085	00034	02.24	32.845	26 • 25		1456.9								
	085	00039	01.6A	32,833	26.2A		1454.5								
	085	00043	01.50	32.842	26.30		1453.8								
	085	00048	01.18	32.861	26.34		1452.5								
	510	00050	01.05	32.89	25.37	00,099	1457.0								
	OR5	00052	00.86	32.930	26.41		1451 • 2								
	ORS	00057	00.69	32.917	26.41		1450.5								
	OR 5	00062	00.42	32.990	26.49		1449.4								
							•								

REFID 31 8296 CONSEC 0134 LAT 43 20 N LONG 049 37.5W	MONT	1972 H 06 OR 05-0	80TOP 00062 SHIP EV OATA USE 1 AREA 05	WET BAPO	TEMP 10.0 80L8 10.0 METR 1013.2 JD T/A	18	GT PER 2 2	MINO-01R OPE-CVIN PC-F-OVIN SENTABLE	12	TRAC	STD REC E DIR TION IIP 11L	00.1	5	N SQ 1306 SQUARE 28 SQUARE 39
CASTNOM/TIME	LYLTYP	DEP1H	TEMP	SAL	STGMA-T	OYNOPTH	SND VEL	OXYG	P)4	₹0 <b>₹</b> ₽	NO2	NO3	\$133	PH
	510	00000	08-71	32-91	25.55	00,000	1482.9							
05.0	085	00000	08.71	32.915	25.55		1482.9							
	08.5	00005	08.72	32.915	25.55		1483.0							
	510	00010	08.71	32.91	25.55	00.024	1483.1							
	085	00010	OR.71	32.915	25.55		1483.1							
	De 5	00013	08.72	32.915	25.55		1483.2							
	510	00020	95.85	32.79	25.85	00.047	1471.9							
	ne 5	00628	03.09	32.627	26.01		1460.2							
	510	20030	02.63	32.72	26.12	00.068	1458.4							
	OB 5	00033	01.89	32.866	26.29		1455.4							
	00.5	00036	01.81	32.887	26.32		1455.1							
	085	00039	01.57	32.824	26.28 *		1454.0							
	095	00041	01.27	32.902	26.37		1452.8							
	085	00045	01.05	32.954	26.42		1452 • 0							

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO 31 B296 CONSEC 0135 LAT 43 09-5N LONG 049 32 W	YEAR MONTH DAY HOUR	06 08	80TOP 00200 SHIP EV DAYA USE 1	HET B BARDH	ULP 07.4 ETR 1013.5		GY PER 2 2	#140-01 A WIND-SPO WIND-FOR #EATHER	13	TP AC E		00.1	5 2	N SO 1: SQUARE SQUARE SQUARE	28
CASTMUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXY G	P74	101 P	402	NO3	\$133	ρН	
	510	00000	07.99	32.91	25.66	00.000	1480.2								
06.6	0.85	00000	07.49	32.915	25.66		1480 - 2								
	510	00010	07.99	32.92	25.67	00.023	1480.3								
	OBS	00010	07.99	32.920	25.67		1480 - 4								
	085	00012	07 - 98	32.917	25.66		1480.3								
	085	00019	07-87	32.852	25.63 •		1479.9								
	\$ 10	00023	07.82	32.86	25.64	00.047	1479.8								
	7B5	00023	06-45	32.946	25.90		1474.6								
	UBS	95000 B	03-16	32+921	26.24		1460.9								
	STO	00033	02.96	32.90	26.24	00.068	1460.1								
	095	00043	01-44	32 • 8 4 3	26.31		1453.5								
	510	00050	00.81	32.95	26.43	00.102	1451.0								
	TAS	00053	00.61	32.969	26.46		1450.1								
	085	00059	00.50	32.939	26.44		1449.7								
	пвς	00067	00.33	32.979	26.48		1449.1								
	STO	00075	00.03	33.02	25.53	00.141	1447-9								
	78 S	00075	00.01	33.023	26.53		1447.8								
	OBS	00031	- 0-11	32.984	26.51		1447.3								
	UBS	00086	- 0.31	33.058	26.58		1446.6								
	DAS	00096	- 0.52	33.047	26.58		1445.8								
	STO	00100	- 0.63	33.07	25.60	00.177	1445.4								
	0BS	00101	- 0.67	33.077	26.61		1445.2								
	OBS	00107	- 0.90	33.134	26.66		1444.3								
	ПΒЗ	00111	- 0.93	33.150	26.67		1444.3								
	085	00117	- 0.97	33.174	26.69		1444.2								
	085	00124	- 0.97	33.195	26.71		1444.3								
	510	00125	- 1.00	33-21	26.73	00.212	1444 - 2								
	rib S	00129	- 1.08	33.265	26.77		1444.0								
	ORS	00132	- 1.06	33-264	25.77		1444.1								
	ribs	00139	- 1-11	33.287	26-79		1444.1								
	085	00144	- 1.11	33.342	26.84		1444.2								
	085	00149	- 1-11	33.355	26 · R S		1444.3								
	SID	00150	- 1.11	33.36	26.85	00.244	1444-3								
	UBS	00153	- 1.10	33.360	26.RS		1444 - 4								
	085	00158	- 1.09	33.367	26.85		1444 - 6								
	085	U0163	- 1-08	33.387	26.67		1444.7								
	085	00168	- 1.06	33.395	26.AB		1444.9								
	08.5	00173	- 1.00	33.444	26.91		1445.4								
	ORS	00178	- 0.91	33.445	26.91		1445.6								
	DAS	00184	- 0.96	33.446	26.91		1445.7								
	OAS	00187	- 0.95	33.45R	26.92		1445.9								
	085	00193	- 0.93	33-462	76.93		1446.0								

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Table X111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

150   000013	REF10 31 8296 CONSEC 0136 LAT 43 31.5N LONG 049 28 W	MONT OAY	1972 -1 06 08 08+0	BOTOP 00814 SHIP EV OATA USF 1 ARE4 05	AIR T WET E BARON CLOUC	IULB 07.2 IETR 1014.6		GT PER	ATVD-OTR OTZ-OVIW RCT-OVIW WEATMER		TR 4C	STO REC E OIR Tion IIP III	03.1	5 2	N SQ I SQUARE SQUARE SQUARE	F 2
08-0 085 00000 05-51 12-700 25-78 1470-1 147	CASTNUM/T1ME	LVLTYP	OEPTH	T E MP	SAL	513M4-T	O YNOP TH	SNO VEL	OXYG	P )4	TOI P	NO2	NO3	\$133	PH	
Next							00.000									
Sin	08.0															
B85				05.46	32.90		00.020	1470.3								
085 00013 05-49 12-876 25-76 14-70-4 16-70-4 1						25.98										
045 00015 05.47 12.000 25.48 1470.4 1000 20.10 1000 20.					32.874	25.98 25.96										
STO   00020   05-45   12-19   25-58   000.041   1470.4					32.900	25.98		1470.4								
065 00021 05.45 12.093 25.98 1470.4  065 00020 05.45 12.093 25.98 1470.4  065 00010 05.00 05.00 13.00 12.097 25.20 140.7  065 00010 05.00 13.10.27 25.20 140.7  065 00010 05.00 13.10.27 25.20 140.7  065 00010 05.00 13.10.27 25.20 140.7  065 00011 05.00 13.10.27 25.20 140.7  065 00011 05.00 13.10.27 25.51 1440.7  065 00011 05.00 13.10.27 25.51 1440.7  065 00011 05.00 13.10.27 25.51 1440.7  065 00011 05.00 13.10.27 25.51 1440.7  065 00011 05.00 13.10.27 25.51 1440.7  065 00017 0 - 0.80 13.10.27 25.51 1440.7  065 00017 0 - 0.80 13.10.27 25.51 1440.7  065 00017 0 - 0.80 13.10.27 25.51 1440.7  065 00017 0 - 0.80 13.10.27 25.61 1440.7  065 00010 0 - 0.47 13.10.27 25.61 1440.7  065 00010 0 - 0.47 13.10.27 25.61 1440.7  065 00010 0 - 0.48 13.10.27 25.61 1440.7  065 00010 0 - 0.48 13.10.27 25.61 1440.7  065 00010 0 - 0.48 13.10.7 25.61 1440.7  065 00010 0 - 0.48 13.11.2 25.64 1440.7  065 00010 0 - 0.48 13.11.2 25.64 1440.7  065 00010 0 - 0.49 13.11.17 25.61 1440.7  065 00010 0 - 0.99 13.11.17 25.61 1440.7  065 00010 0 - 1.09 13.11.17 25.61 1441.8  065 00010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.61 1441.8  065 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075 0010 0 - 1.09 13.11.17 25.7  075							00 04.									
085 00023 03-45 32-87 23-88 1470-4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							00.041									
\$10 00030 04.01 33.01 24.24  005 00030 04.01 33.027 24.44  006 05 00030 04.01 33.027 24.44  006 06 00030 04.00 172 27.877 24.379  006 06 00030 04.00 172 17.877 24.39  006 06 00030 04.00 172 17.877 24.39  007 008 00030 04.00 172 17.877 24.39  008 00030 00.10 04.71 17.00		0B S	00023	05-45	32.897	25.98		1470.4								
085 00030 04.01 33.027 26.24 1.46.7  085 00030 04.00 04.00 1.22 12.991 26.47 1.50.5  085 00041 00.64 12.946 26.45  085 00041 00.72 12.991 26.47 1.50.5  085 00041 00.64 13.05 26.45  085 00050 00.10 13.05 26.45  085 00050 00.10 13.00 26.45  085 00050 00.10 13.00 26.45  085 00050 00.10 13.00 26.53  085 00050 00.10 13.00 26.53  085 00057 0.01 13.00 26.53  085 00057 0.02 13.00 26.53  085 00057 0.03 13.00 26.63  085 00057 0.04 13.00 26.63  085 00057 0.05 13.00 26.63  085 00057 0.05 13.00 26.63  085 00057 0.05 13.00 26.63  085 00057 0.05 13.00 26.63  085 00071 0.08 13.00 26.63  085 00071 0.08 13.00 26.63  085 00070 0.08 13.00 26.63  085 00097 0.05 13.114 26.65  085 00090 0.09 13.114 26.67  085 00090 0.10 13.16 26.49  085 00090 0.10 13.16 26.49  085 00015 0.10 13.16 26.49  085 00015 0.10 13.16 26.49  085 00015 0.10 13.16 26.49  085 00015 0.10 13.16 26.49  085 00015 0.10 13.16 26.49  085 00015 0.10 13.16 26.49  085 00015 0.10 13.16 26.49  085 00012 0.12 13.13 13.17 26.81  085 00115 0.10 13.16 26.49  085 00116 0.1.13 13.17 26.89  085 00117 0.1.28 13.17 26.89  085 00118 0.1.33 13.17 26.89  085 00118 0.1.33 13.17 26.89  085 00118 0.1.33 13.17 26.89  085 00118 0.1.33 13.17 26.89  085 00118 0.1.33 13.17 26.89  085 00119 0.1.33 13.17 26.89  085 00119 0.1.33 13.17 26.89  085 00119 0.1.33 13.17 26.89  085 00119 0.1.33 13.17 26.89  085 00119 0.1.33 13.17 26.89  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.79  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.33 13.18 26.99  085 00119 0.1.30 13.18 13.18 26.99  085 00119 0.1.30 13.18 13.18 26.99  085 00119 0.1.30 13.18 13.18 26.99  08							00.040									
085 00036 01.09 12.889 26.35 1451.9 085 00041 00.27 27.899 26.47 1450.3 085 00040 00.64 12.964 26.45 1450.3 085 00040 00.64 12.964 26.45 1450.3 085 00040 00.64 12.964 26.45 1450.3 085 00057 00.18 13.005 26.14 00.099 1446.4 085 00057 - 0.18 13.005 26.55 1447.1 085 00057 - 0.18 13.005 26.55 1447.1 085 00057 - 0.18 13.005 26.55 1447.1 085 00050 - 0.41 33.005 26.55 1447.1 085 00050 - 0.41 33.005 26.55 1447.1 085 00050 - 0.5 13.11 26.65 1447.1 085 00071 - 0.26 33.11 26.65 1447.1 085 00072 - 0.55 33.117 26.65 1447.9 085 00092 - 0.55 33.117 26.65 1447.9 085 00090 - 0.40 33.16 26.49 00.164 1443.9 085 00090 - 0.40 33.16 26.49 00.164 1443.5 085 00091 - 1.04 33.16 26.49 00.164 1443.5 085 00010 - 1.04 33.16 26.49 00.164 1443.5 085 00010 - 1.04 33.16 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00011 - 1.03 33.10 26.49 00.164 1443.5 085 00014 - 1.33 33.72 26.77 1443.1 085 0015 - 1.13 33.11 26.49 00.164 1443.9 085 0016 - 1.33 33.72 26.79 1443.1 085 0016 - 1.33 33.72 26.79 1443.1 085 0016 - 1.30 33.72 26.80 1443.9 085 0016 - 1.30 33.72 26.80 1443.9 085 0016 - 1.30 33.72 26.80 1443.9 085 0016 - 1.30 33.40 26.93 1443.9 085 0016 - 1.30 33.40 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 - 1.20 33.14 26.93 1443.9 085 0016 0.40 33.40 1443.9 085 0016 0.40 33.40 1443.9 085 0016 0.40 33.40 1443.9 085 0016 0.40 33.40 1443.9 085 0016 0.40 33.40 1443.9 085 0016 0.40		085					00.000									
085 0004 00.72 32.991 26.47 1450.14 1550.14 00.85 00044 00.65 32.905 26.51 1450.14 1450.14 155		085	00036	01.09	32.859	26.34		1451.9								
085					37.897											
085 00047 00.24 31.005 20.51 1448.4 1488.4 1		085			32.964	26.45										
085 00052 - 0.07 33.0-02 20.55 1447.1 085 00051 - 0.38 33.0-02 20.53 1446.7 085 00070 - 0.81 33.0-02 20.61 1444.0 085 00071 - 0.81 33.0-02 20.61 1444.0 085 00071 - 0.82 33.1-10 20.63 1444.1 085 00073 - 0.58 33.1-11 20.64 00.127 1443.7 085 00073 - 0.58 33.1-11 20.64 00.127 1443.7 085 00074 - 0.92 33.1-11 20.65 1443.8 085 00094 - 0.92 33.1-11 20.65 1443.8 085 00099 - 0.95 33.1-12 20.65 1443.8 085 00090 - 0.95 33.1-12 20.65 1443.8 085 00010 - 1.04 33.1-12 20.65 1443.8 085 00105 - 1.04 33.1-12 20.71 1443.8 085 00105 - 1.04 33.1-12 20.71 1443.5 085 00105 - 1.03 33.2-12 20.71 1443.5 085 00105 - 1.03 33.2-12 20.71 1443.5 085 00112 - 1.14 33.1-12 20.71 1443.1 085 00112 - 1.27 33.2-7 70.77 1443.1 085 00112 - 1.27 33.2-7 70.77 1443.1 085 00140 - 1.31 33.3-12 20.62 1443.9 085 00140 - 1.31 33.3-12 20.62 1443.9 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.67 1443.9 085 00140 - 1.21 33.3-3-7 20.67 1443.9 085 00140 - 1.21 33.3-3-7 20.67 1443.9 085 00140 - 1.21 33.3-3-7 20.67 1443.9 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.1 085 00140 - 1.21 33.3-3-7 20.77 1443.9 085 00140 - 1.21 33.3-3-7 20.77 1443.9 085 00140 - 1.21 33.3-3-7 20.77 1443.9 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.3-1 20.80 1444.5 085 00140 - 1.21 33.4-1 20.77 1444.1 085 00140 - 1.21 33.4-1 20.77 1444.1 085 00150 - 0.90 33.4-1 20.77 1444.1 085 00160 - 0.90 33.4-1 20.77 1444.1 085 00170 - 0.90		085	00047	00.24	33.005	26.51		1448-4								
085 00057 - 0,18 31,000 20,53 1445,7   085 00070 - 0,42 33,100 26,58 1446,4   085 00071 - 0,42 33,100 26,58 1446,4   085 00071 - 0,42 33,100 26,63   085 00072 - 0,48 33,11 20,66   085 00072 - 0,49 33,131 20,66   085 00072 - 0,49 33,117 24,65   085 00073 - 0,49 33,118 20,66   085 00079 - 1,04 33,154 26,67   085 00079 - 1,04 33,154 26,68   085 00079 - 1,04 33,154 26,68   085 00079 - 1,04 33,154 26,68   085 00011 - 1,14 33,162 26,7   085 00111 - 1,14 33,163 26,77   085 00117 - 1,12 33,163 26,77   085 00117 - 1,21 33,215 26,74   085 00117 - 1,21 33,215 26,74   085 00117 - 1,21 33,215 26,74   085 00117 - 1,21 33,215 26,74   085 00117 - 1,21 33,215 26,74   085 00117 - 1,21 33,312 26,82   085 00127 - 1,28 33,274 26,79   085 00149 - 1,31 33,312 26,82   085 00149 - 1,11 33,312 26,82   085 00149 - 1,11 33,312 26,82   085 00149 - 1,11 33,312 26,82   085 00149 - 1,11 33,312 26,82   085 00149 - 1,11 33,312 26,82   085 00149 - 1,11 33,312 26,82   085 00149 - 1,00 33,417 26,80   085 00159 - 1,12 33,33 26,80   085 00169 - 1,20 33,37 26,86   095 00169 - 1,20 33,37 26,86   095 00169 - 1,20 33,37 26,86   095 00169 - 1,00 33,417 26,80   085 00169 - 1,00 33,417 26,80   085 00174 - 1,0		OBS					00.093									
085 00061 - 0.47 33.0-02 26.56 1445.4  085 00070 - 0.48 33.107 26.61 1444.0  085 00075 - 0.86 33.11 26.64 00.129 1443.9  085 00084 - 0.92 33.114 26.67 1443.6  085 00084 - 0.92 33.144 26.67 1443.6  085 00099 - 0.55 33.117 72.65 1443.8  085 00099 - 1.04 33.15 26.68 1443.5  085 00099 - 1.04 33.154 26.68 1443.5  085 000100 - 1.04 33.16 26.68 1443.5  085 00100 - 1.04 33.16 26.99 1443.5  085 00100 - 1.07 33.15 26.77 1443.5  085 00100 - 1.07 33.154 26.68 1443.5  085 00101 - 1.07 33.205 26.77 1443.5  085 00117 - 1.27 33.27 26.77 1443.1  085 00117 - 1.27 33.27 26.77 1443.1  085 00127 - 1.28 33.3.25 26.77 1443.1  085 00127 - 1.28 33.3.25 26.77 1443.1  085 00140 - 1.31 33.31 27.6 26.79 1443.1  085 00140 - 1.31 33.31 26.88 1443.4  085 00140 - 1.13 33.33 26.88 00.227 1443.9  085 00140 - 1.13 33.33 26.88 00.227 1443.9  085 00140 - 1.13 33.33 26.88 00.227 1443.9  085 00140 - 1.13 33.33 26.88 00.227 1443.9  085 00150 - 1.08 33.41 26.99 1444.5  085 00160 - 1.09 33.417 26.90 1444.5  085 00160 - 1.09 33.417 26.90 1444.5  085 00160 - 1.09 33.417 26.90 1444.5  085 00160 - 1.09 33.417 26.90 1444.5  085 00160 - 1.09 33.417 26.90 1444.5  085 00160 - 1.09 33.417 26.90 1444.5  085 00173 - 0.44 33.99 1 26.88 00.227 1443.9  085 00173 - 0.44 33.69 27.07 1444.5  085 00189 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1444.5  085 00198 - 0.90 33.514 26.77 1445.6  085 00198 - 0.90 33.514 26.77 1445.6  085 00198 - 0.90 33.514 26.90 1445.6  085 00198 - 0.90 33.514 26.90 1445.6  085 00198 - 0.90 33.514 26.90 1445.6  085 00198 - 0.90 33.514 26.90 1446.6  085 00198 - 0.90 38.514 26.90 1446.6  085 00198 - 0.90 38.514 26.90 1446.6  085 00198 - 0.90 38.514 26.90 144			00057													
085 00073						26.56										
\$10 00075																
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STO   00150   -1,20   33,37   26,86   00.227   1443.9     085   00161   -1,14   33,406   26,89   1444.5     085   00167   -1,06   33,440   26,91   1445.4     085   00183   -1,02   33,451   26,97   1444.8     085   00183   -1,02   33,451   26,97   1445.4     085   00183   -0,09   33,514   26,97   1446.3     085   00183   -0,09   33,514   26,97   1446.4     085   00210   -0,82   33,529   26,98   1446.9     085   00210   -0,82   33,529   26,98   1446.9     085   00214   -0,68   33,629   27,05   1447.9     085   00243   -0,52   33,660   27,07   1448.9     085   00243   -0,43   33,694   27,07   1449.4     085   00259   -0,43   33,694   27,09   1449.4     085   00259   -0,32   33,768   27,15   1450.4     085   00259   -0,32   33,768   27,15   1450.4     085   00259   -0,13   33,788   27,16   1451.3     085   00259   -0,13   33,788   27,16   1451.3     085   00274   -0,13   33,788   27,16   1451.3     085   00274   -0,13   33,788   27,16   1451.3     085   00274   -0,13   33,788   27,16   1451.3     085   00274   -0,13   33,788   27,27   1460.5     085   00274   -0,13   33,788   27,71   1451.3     085   00274   -0,13   33,788   27,71   1451.3     085   00274   -0,13   33,788   27,75   1460.5     085   0038   0048   01,99   34,48   27,79   00,40   1457.2     085   00310   00,23   33,98   27,75   1461.5     085   00415   03,42   34,828   27,73   1471.0     085   00415   03,42   34,828   27,73   1476.5     085   00453   03,71   34,81   77,75   00,40   1474.8     085   00552   04,06   34,932   27,75   1476.5     085   00552   04,06   34,933   27,75   1476.5     085   00558   04,06   34,933   27,75   1476.5     085   00760   04,06   34,933   27,75   1476.5     085   00760   04,06   34,932   27,75   1476.5     085   00760   04,06   34,932   27,75   1476.5     085   00782   04,06   34,934   27,75   1476.5     085   00782   04,06   34,934   27,75   1476.5     085   00782   04,06   34,934   27,75   1476.5     085   00782   04,06   34,934   27,75   1476.5     085   00782   04,06   34,934   27,75   1476.5     085   00782   04,																
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085 00511 04-01 34-896 27.72 1475-2 085 00552 04-06 34-905 27-73 1476-5 085 00575 04-07 34-910 27-73 1476-5  \$TO 00600 04-06 34-92 27-74 00-526 1476-9 085 00606 04-06 34-926 27-74 1477-9 085 00658 04-06 34-933 27-75 1477-9 085 00608 04-06 34-931 27-75 1477-9 085 00608 04-06 34-931 27-75 1478-3 \$TO 00770 04-06 34-93 27-75 1478-3  \$TO 00770 04-06 34-93 27-75 1478-7 085 00753 04-06 34-93 27-75 1478-7 085 00753 04-06 34-93 27-75 1478-7 085 00753 04-06 34-93 27-75 1478-7			00500				00.483									
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095         00658         04.06         34.933         27.75         1477.9           085         00680         04.06         34.931         27.75         1478.3           510         00700         04.06         34.93         27.75         00.569         1478.6           085         00708         04.06         34.932         27.75         1478.7           085         00753         04.06         34.934         27.75         1479.5           088         00782         04.06         34.936         27.75         1480.0		510	006 00	04.06	34.92	27.74	00.526	1476.9								
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ORS 00782 04.06 34.936 27.75 1480.0																
DBS 00787 04.07 34.935 27.75 1480-1		ORS	00782	04.06	34.936	21.75		1480.0								
		08.5	00181	04.07	34.935	27.75		1480 - 1								

REF10 31 9296 CONSEC 0137 LAT 42 53.5N LUNG 049 24 W	MONT: DAY	1972 H OA 09 09.7	BOTOP 01458 SHIP EV DATA USE 1 AREA 05	WET BARD			GT PER	HIND-DIR HIND-5PD RET-OPIN WEATHER	1.3	TP AC E		00.3	5	EN 50 50049 50048 50049	E 2
CASTNUM/TIME	LVLTYP	OFPTH	TEMP	SAL	SIGMA-T	OYNOPTH	sn∩ v€l	Oxy G	P)4	TOT P	NO2	NO3	5133	PH	•
	510	00000	03.27	32.70	26.05	00.000	1460-6								
09.7	785 510	00013 00013	03.27	32 - 700	25.05		1460.6								
	าคร	00011	03.28	32.70 32.699	26.05 26.05	00.020	1460.9 1460.9								
	510	00020	00.89	32.54	26-10	00.039	1450.3								
	085 085	00022 00028	00.43	32.494 32.691	26.09 26.28		1448.1								
	510	00030	~ 0.33	32.76	26.34	00.057	1445.1								
	D8 5	00031	- 0.35	32.797	26.37		1445.1								
	085 085	00034 00039	- 0.40 - 0.50	32.806 32.910	26.38 26.46		1445 • 0								
	)85	00040	- 0.48	33.028	26.56		1444.7								
	08.5 08.5	00044	- 0.35	32.98A	26.57 •		1445 - 6								
	\$10	00050	- 0.23 - 0.47	33.002 33.06	26.53 26.59	00.089	1446.3 1445.2								
	OR 5	00051	~ 0.65	33-095	76.67	00.007	1444.5								
	DBS (18.5	00055 00058	~ 1.36 ~ 1.40	33.075 33.174	26.63		1441.2								
	กตร	00013	- 1.34	33.217	26.71 26.74		1441.6								
	085	00065	- 1.30	33.217	26.74		1441-9								
	085 985	00054	- 1.34 - 1.37	33,231 33,243	26.75 26.76		1441.7								
	5 T D	00075	- 1 - 37	33.24	26.76	00.123	1441.7								
	085 085	00076	~ 1.39	33.238	26.76		1441.7								
	095	00083	- 1.46 - 1.49	33.271 33.288	26.79 26-80		1441.4								
	nas	00089	- 1.52	33.312	26.82		1441.3								
	08.5 0.85	00093	- 1.52 - 1.51	33,327	26.93		1441.4								
	510	201.02	- 1.51	33.36	26.84 26.86	00.154	1441.6								
	0A5	00103	- 1.49	33.399	26.89		1441.8								
	085 085	00109 00112	- 1.41 - 1.27	33.411 33.425	26.90 26.91		1442.3								
	085	00119	- 1.22	33.419	26.90		1443.4								
	510 085	00125	- 1.21	33+42	26.90	00.183	1443.5								
	18 S	00129 00141	- 1.21 - 1.08	33.415 33.525	76.90 26.98		1443.6								
	510	00150	- 0.98	33.51	26.97	00.211	1445.2								
	085 985	00154 00169	- 0.94 - 0.91	33.509 33.518	26.96 26.97		1445 -4								
	085	00179	- 0.89	33.528	26.98		1445.8								
	0 A S 5 T ()	00193 00200	- 0.82 - 0.79	33.561	27.00		1446.7								
	085	00214	- 0.71	33.57 31.582	27.00 27.01	00.265	1447-0								
	nes.	00249	- 0-45	33.668	27.07		1449.5								
	\$10 085	00259 002 <b>7</b> 5	- 0.44 - 0.21	33.67 33.765	27.08 27.14	00.316	1449.5								
	985	00299	00.13	33.840	27.19		1453.2								
	510 085	00300 00308	00.15	33.85	27-19	00.363	1453.3								
	085	00323	00.58 00.21	33.955 33.923	27.25 27.25		1455.6								
	085	00348	00.74	34.103	27.36		1457.2								
	085 085	00374	01.18 01.94	34.271 34.439	27.47 27.55		1459.8 1463.8								
	510	00400	01.95	34.44	27.55	00.435	1463.9								
	085	00448	03·29 03·63	34.658 34.720	27.61		1470.8								
	510	00500	03.75	34.76	27.62 27.64	90.489	1472 - 7								
	STO	00600	04.04	34 - 87	27.70		1476.8								
	085 085	00606 00638	04.05 04.08	34.877 34.895	27•70 27•72		1476.9								
	510	00700	04.12	34.91	27.73	00 - 582	1478.8								
	280 012	00710	24.13	34.917	27.73		1479.0								
	085	008 00 008 4 9	04.13 04.13	34.93 34.937	27.74 27.74	00-627	1480+5								
	085	00874	04-14	34.938	21.14		1481.8								
	5 T O O B S	00900	04.13 04.13	34.94 34.940	27.75 27.75	00.672									
	08.5	00952	04.08	34.936	27.75		1482.3 1482.9								
	185	00978	04.07	34.943	27.75		1483.3								
	5 T O	01000	04.07 04.07	34.95 34.946	27.16 21.16	00.716	1483.6 1483.8								
	510	01100	04.04	34.95	27.76		1485 - 2								
	08 S 5 f D	01107		34.946	27.76		1485.3								
	085	01200 01210	04.00 03.99	34 • 94 34 • 94 3	21.76 27.16	DO.807	1486.7 1486.8								
	nas.	01234	03.97	34 - 946	27.77		1497.1								

CASTRUPTINE   LVLIVE   CEPUT   TERM   SAL   SIZMA-1   OTNOPTH   SNO VEL   OUTC   P34   TOT   NO   NO   S133   P4	REFIO 31 CONSEC L4T 42 LONG 049	8296 0138 42 N 18-5W	T PON YAO	1972 1 05 08 11.6	80 TOP 01917 SHIP EV DATA USE 1 AREA 05	ALR NET I BARD CLOU			GT PER 3 2	#140-01R #140-5P0 #140-F3R #64THER	23	T P	AC E	DIR	COROER 00.4	5 2	EN SQ SQU4R SQU4R SQUAR	E 2
11.0 ms	CASTNUM/	TEME	LVLTYP	ПЕРТН	TEMP	SAL	515M4-T	O YNOP TH	SNO VEL	DXYG	P 34	101	P	N <sup>0</sup> 2	NO3	\$133	рН	
1.0			510	00000	01.10			00.000										
085 00010 01.10 12.190 22.907 14.50.190 14.40.1 14.50.		11.6	OBS					00										
1815   0001/2			510					00.020										
Sin   00012   000.55   12.40   25.39   00.04   1447.3     OBS																		
Past   000/23   000.65   12-3184   72-99   1449-0								00-041										
0014 0015 0015 0015 12-170 25-98 1448-5						32.384	25.99											
1985 00037 00.33 12.33 25.96 1447.8 1						32.370	25.98											
195 00016 - 0.28 12.419 20.65 1446.5 196 00016 - 0.28 12.622 26.27 1446.5 197 00016 - 0.28 12.622 26.27 1446.7 198 00044 - 0.09 12.600 26.27 1446.7 198 00044 - 0.87 12.802 26.19 1446.7 198 00044 - 1.29 12.802 26.19 1446.7 198 00044 - 1.29 12.802 26.19 1441.1 198 00056 - 1.49 13.282 26.42 1441.1 198 00056 - 1.49 13.285 26.42 1441.1 198 00056 - 1.49 13.29 26.57 1440.0 198 00056 - 1.49 13.29 26.57 1440.0 198 00056 - 1.49 13.29 26.57 1440.0 198 00057 - 1.49 13.20 26.71 00.134 1441.4 198 00057 - 1.49 13.20 26.71 00.134 1441.4 198 00058 - 1.44 13.212 26.71 00.134 1441.4 198 00058 - 1.44 13.212 26.71 00.134 1441.5 198 00058 - 1.44 13.212 26.71 00.134 1441.5 198 00058 - 1.49 13.20 26.71 00.134 1441.5 198 00078 - 1.48 13.270 26.71 00.134 1441.5 198 00078 - 1.48 13.270 26.71 00.144 141.5 198 00078 - 1.48 13.28 26.86 1441.7 198 0010 - 1.48 13.34 26.86 1441.7 198 0010 - 1.48 13.34 26.86 1441.7 198 0010 - 1.48 13.34 26.86 1441.7 198 0010 - 1.48 13.34 26.86 1441.7 198 0010 - 1.49 13.34 26.86 1441.7 198 0010 - 1.49 13.34 26.86 1441.7 198 0010 - 0.92 13.710 27.13 00.218 1446.7 198 0010 0010 - 0.93 13.88 77.70 1446.7 198 0010 0010 00.45 13.99 77.70 1446.7 198 0020 00.45 13.99 77.70 1446.7 198 0020 00.45 13.99 77.70 1445.5 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1455.8 198 0020 00.45 13.99 77.70 1456.8 198 0020 00.45 13.99 77.70 1456.8 198 0020 00.45 13.99 77.70 1456.8 198 0020 00.45 13.99 77.70 1456.8 198 0020 00.45 13.99 77.70 1456.8 198 0020 00.45 13.99 77.70 1456.8 198 0020 00.45 13.99 14.99 77.70 1456.8								00.061										
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Charles																		
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UBS         00213         00.46         34.003         27.30         1453-5           0BS         00259         00.58         34.009         27.30         1654-1           ST0         00251         00.59         34.056         21.33         1654.8           0BS         00271         00.65         34.054         27.33         1455.4           1BS         00793         00.67         34.137         27.38         1456.9           ST0         00100         00.97         34.15         27.39         1456.9           ST0         00100         00.93         34.15         27.39         1456.9           0BS         00351         02.37         34.17         27.40         1458.0           0BS         00351         02.37         34.514         77.57         1465.0           0BS         00400         03.13         34.680         27.63         1469-8           0BS         00440         03.29         34.755         27.66         1470-7           0BS         00456         03.42         34.749         27.67         1471.6           0BS         00474         03.46         34.755         27.67         1472.1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>00.27</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>								00.27										
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0BS         00497         03.59         34.796         21.69         1473.0           ST0         00500         03.63         34.80         27.69         00.443         1473.3           0BS         00511         03.76         34.821         27.69         1475.2           ST0         005039         03.91         34.846         27.69         1475.2           ST0         00600         04.18         34.90         27.71         00.489         1477.3           0BS         00607         04.19         34.934         27.71         1477.6         1479.5           ST0         00700         04.38         34.95         27.73         00.534         1480.0           0BS         00706         04.38         34.95         27.73         00.534         1480.1           ST0         00800         04.33         34.96         27.75         1481.4           0BS         00810         04.32         34.965         27.75         1481.5           ST0         00900         04.17         34.96         27.76         00.623         1482.4           0BS         00900         04.17         34.96         27.76         00.623         1483.4 <td></td> <td></td> <td></td> <td></td> <td></td> <td>34.755</td> <td>27.67</td> <td></td>						34.755	27.67											
10				00497		34.796	27.69											
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296,—Continued

CASTAUGH/THRE LEVELTY   OLEPA   TEMP   SAL   SLICKA-T   OYMOTH SNO VEL ) MEG   Dyk TOT F   NO2   NO3   SL33   P4    204.   ONS   ORDING   OLL-95   12-53   2-6.03   OLL-95	REF10 31 8294 CONSEC 0139 LAT 42 45+09 LONG 049 20+09	TVOP 9	1972 H 06 09 20.4	SHIP EV OATA USE 1 AREA 05	WET BARD	TEMP 09.4 BOL8 08.9 METR 1014.6 D 1/A		HGT PER 3 3	RIC-OVIN O92-OVIN RC3-OVIN R3HIA3N	1)	TRACE DURAT		00.3	5 2	EN SQ L SQUARE SQUARE SQUARE	28
20.4 a/S, 00000 01.95 32.53 24.03 00.000 1154.7 a/S 20.00 1154.6 a/S 20.00 1155.6 a/S 20.00	CASTNUM/TIME	L V L 1 Y P	DEPTH	TEMP	541	SIGHA-T	OYNOPTH	SND VEL	) XY G	P 14	101 P	NO2	NO3	5113	P 4	
201. 4 IRS		510	00000	01.95	32 53	26 03	00.000	1,6, 7						-1,,,		
STU   00010	20.4						00.000									
045							00-020									
\$10							001020									
085 00930 - 0.41							00.039									
1985   0.0032   -0.24   32.580   22.19   1440.1   1440.							00.057	1444.5								
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DAS         00050         - 1.53         37.930         25.51         1.440.1           DAS         00058         - 1.64         31.10         26.58         1.53.8         1.53.8           STO         00070         - 1.69         31.14         26.84         00.125         1441.3           STO         00100         - 1.23         31.40         26.84         00.155         1441.3           STO         00125         01.33         31.40         26.84         00.155         1441.3           STO         00125         01.33         31.87         27.14         00.115         1455.4           BSS         00125         01.33         31.87         27.14         00.117         1455.4           BSS         00150         01.43         31.00         27.15         00.203         1455.7           BSS         00191         01.93         31.00         27.15         1455.7           SSIO         00200         01.11         34.17         27.40         00.243         1456.5           SSIO         00200         01.11         34.17         27.40         00.243         1456.5           SSIO         00200         01.11         34.50							00 001									
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0AS         03635         04.54         34.995         27.775         1479.6           0BS         00650         04.41         34.970         27.775         00.492         1479.7           0BS         00700         04.32         34.975         27.75         1479.7           0BS         00730         04.23         34.975         27.75         1479.9           0BS         00790         04.28         34.960         27.75         1481.0           0BS         00800         04.24         34.96         27.75         00.536         1481.0           0BS         00800         04.24         34.96         27.75         00.536         1481.0           0BS         00800         04.23         34.970         27.76         1482.0           3BS         00860         04.23         34.970         27.76         1482.0           3BS         00900         04.13         34.96         27.77         00.579         1482.2           3TO         01000         04.04         34.95         27.76         00.623         1483.5           STO         01100         04.01         34.95         27.77         00.667         1485.1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>00.449</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>							00.449									
185   00850   04,41   34,970   27,74   1479.3     STO   00700   04,32   34,975   27,75   1479.7     O85   00735   04,23   34,955   27,75   1479.7     O85   00735   04,23   34,955   27,75   1479.9     O85   00790   04,24   34,96   27,75   1481.0     O85   00800   04,13   34,96   27,77   0,579   1482.2     STO   00900   04,13   34,96   27,77   0,579   1482.2     STO   01000   04,04   34,95   27,76   00.623   1483.5     O85   01000   04,04   34,95   27,76   00.623   1483.5     STO   01100   04,04   34,95   27,77   0,667   1485.1     O85   01100   04,04   34,95   27,77   1485.1     O85   01100   04,03   34,96   27,77   1485.1     O85   01100   04,03   34,96   27,77   1485.1     O85   01100   04,03   34,96   27,77   1486.5     STO   01200   03,96   34,94   27,76   00,712   1486.5     STO   01300   03,98   34,96   27,78   00,75d   1488.9     O85   01300   03,98   34,96   27,78   00,75d   1488.9     STO   01400   03,91   34,95   27,78   00,803   1489.7     O85   01400   03,91   34,95   27,78   00,803   1489.7     O85   01400   03,91   34,95   27,78   00,803   1489.7     O85   01500   03,96   34,95   27,78   00,850   1491.2																
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CA	STNUM	TIME	LVLTYP	оеРтн	TEMP	SAL	S13MA-T	OYNOPTH	SND VEL	OXYG	P)4	r or	Р	NOZ	NO3	5173	PH	
			STO	00000	01.68	32.44	25.97	00.000	1453.3									
		22.3	280	00000	01.68	32.440	25.97		1453.3									
			STO	00010	01.68	32.43	25 • 96	00.020	1453.5									
			085	00010	01.68	32.435	25.96		1453.5									
			012	00020	01.32	32.46	26.01 26.01	00.041	1452.1 1452.1									
			08S STO	00020	01.32	32.465 32.43	26.07	00.061	1444.9									
			085	00030	- 0.28	32.430	26.07	00.001	1444.9									
			510	00050	- 1.35	33.02	26.59	00.095	1441.1									
			085	00050	- 1.35	33.025	26.59		1441 -1									
			08.5	00056	- 1.56	33.290	26.81		1440 - 6									
			STO	00075	- 1-36	33.35	26.85	00.128	1441.9									
			280	00075	- 1-36	33.350	26.85		1441-9									
			280	00079	- 1.31	33.350 33.38	26.85 26.87	00.158	1442 • 2									
			STO 085	00100	- 1.29 - 1.29	33.380	26.87	00.158	1442.7									
			085	00114	- 1.37	33.390	26.88		1442.6									
			\$10	00125	- 1.20	33,43	26.91	00.187	1443.6									
			085	00125	- 1.20	33,435	26.91		1443.6									
			STO	00150	- 0.94	33.54	26.99	00-214	1445-4									
			085	00150	- 0.94	33.540	26.99		1445 - 4									
			510	00200	- 0-46	33.67	27.08	00.266	1448.6									
			085	00200	- 0.46	33.670	27.08	00 313	1448-6									
			STO 085	00250 00250	00.02 00.02	33.83 33.830	27.18 27.18	00.313	1451.9 1451.9									
			085	00262	00.30	33.990	27.30		1453.6									
			STO	00300	00.72	34.07	27.34	00.354	1456.2									
			085	00300	00.72	34.070	27.34		1456.2									
			085	00315	01.24	34.080	27.31 *		1458.8									
			085	00330	00.21	34-120	27-41		1454.5									
			08.5	00332	00.13	34,220	27.49		1454.3									
			51	00400	02.37	34.56	27.61	00-417	1465.9									
			085 085	00400	02.37 03.75	34.560 34.805	27.61 27.68		1465.9									
			510	00500	03.82	34.81	27.68	00.466	1474 -1									
			085	00500	03.82	34.810	27.68	001400	1474.1									
			510	00600	04 - 04	34 - 88	27.71	00.512	1476.8									
			280	00600	04.04	34.880	27.71		1476.8									
			085	00640	04.07	34-900	27.72		1477.6									
			STO	00700	04.08	34.91	27.73	00.557	1478.6									
			085	00700	04.08	34.910	21.73	00.602	1478.6									
			5 T O 0 8 S	00800	04.09 04.09	34.92 34.925	21.74 21.74	00.802	1480.4									
			STO	00900	04.08	34.93	27.74	00.647	1482 - 0									
			085	00900	04.08	34.930	27.74		1482 - 0									
			STO	01000	04 - 08	34.94	27.75	00.692	1483.7									
			280	01000	04.08	34.940	27.75		1483.7									
			510	01100	04-09	34.94	27.75	00.738	1485.4									
			085	01100	04.09	34.940	27.75		1485.4									
			012	01200	04.09	34.94 34.945	27.75	00.784	1487.1									
			280 510	01200 01300	04.09 04.04	34.945	27.75 27.76	00.831	1488.5									
			085	01300	04.04	34.945	27.76	00.031	1488.5									
			STO	01400	03.99	34.94	27.76	00-879	1490.0									
			085	01400	03.99	34.940	27.76		1490.0									
							****		•									

EEFID DNSEC , AT , DNG 0		8296 0141 50-0N 38.0W	MONT	1972 + 05 09 00.5	SHIP EV OATA USE I AREA 05	WET RARC	TEMP 10.0 BULB 10.0 METR 1014.6 P T/4		GT PER 3 2	ME#1HEB MIAD-EJB MIAD-2bU		TRAC DURA	E D	T R	ORDER 9 00.5	5	EN SO I SOUARE SOUARE SOUARE	26
CASTN	ιυ <b>ч</b> /	TIME	LVLTYP	0EPTH	TEMP	54L	51GMA-T	OYNDPIH	SNO VEL	JXY G	P 14	T D T P	. ,	ND2	ND3	5133	PH	
			510	00000	03.59	32.90	26.la	00.000	1462.3									
		00.5	085	00000	03-59	32 - 90 5	26.18		1462.3									
			510	00010	03.59	32.90	26.18	00.018	1462.5									
			Des	00010	03.59	32.905	26.18		1462.5									
			510 D95	00020 00020	00.97 00.97	32.82 32.820	26.32	00.036	1451.0									
			510	00030	- 0.48	32.32U	26.32 25.36	00.053	1451.0									
			DB5	00030	- 0.48	32.780	26.36	00.073	1444.5									
			STO	00050	- 1.03	33.09	26.63	00-084	1442.7									
			nR s	00050	- 1.03	33.095	26.63		1442.7									
			085	00790	- 1.28	33.180	26.71		1441.8									
			085	00075	- 1-28	33.29	26.80	00.117	1442.2									
			510	00075 00100	- 1.28	33.290	26.80	00.110	1442 - 2									
			085	00100	- 1-18 - 1-18	33.35 33.355	26.85 26.85	00.148	1443.2									
			510	00125	- 0.99	33.44	26.91	00.177	1444.6									
			085	00125	- 0.99	33.440	26.91		1444.6									
			510	001 59	- 0.78	33.52	26.97	00.205	1446.1									
			005	00150	- 0.78	33.520	26.97		1446.l									
			STD	00200	- 0.53	33.58	27.01	00 • 259	1448.2									
			DR5 085	00200 00210	- 0.53	33.580	27.01		1448.2									
			510	00210	- 0.35 - 0.23	33.635 33.66	27.04 27.06	00 311	1449.3									
			U85	00250	- 0.23	33.665	27.06	00.311	1450.5									
			085	00270	- 0.31	33.690	27.09		1450.5									
			510	00300	- 0.08	33.79	27.16	00.358	1452.2									
			085	00300	- 0.08	33.795	27-16		1452.2									
			085	00360	00.72	34.075	27.34		1457.2									
			DAS	00394	00.85	34.100	27.35		1458.4									
			510 045	004 00 004 00	01.12 01.12	34.21 34.210	27.42	00-437										
			08.5	00440	03.98	34.680	27.56		1459.9 1473.6									
			095	00450	03-95	34.680	27.56		1473.6									
			DR S	00490	05.24	34.920	27.60		1480.0									
			510	00500	05.09	34.93	27.63	00.498	1479.5									
			085	00500	05.09	34.930	27.63		1479.5									
			085	00540	04.97	34-925	27.64		1479.7									
			085 D95	00580 00592	04.23	34.850	27.66		1477.2									
			510	00900	04.20 04.35	34.875 34.90	27-69 27-69	00.548	1477.3									
			กล์รั	00600	04.35	34.900	27.69	00.348	1478.1									
			085	00614	04.44	34.890	27.67		1478.7									
			085	00627	04 - 42	34.880	27.67		1478.8									
			0.85	00650	04-11	34.850	27.68		1477.8									
			510	00700	04.20	34.90	27.71	00.595	1479-1									
			DRS STO	00700	04 - 20	34.900	27.71		1479.1									
			085	00800	04.13 04.13	34.91 34.910	27.12 27.12	00.642	1480.5									
			085	00845	04.12	34.910	27.72		1481.2									
			085	00853	04.21	34.940	27.74		1481.8									
			510	00900	04.10	34.91	27.73	00.688	1482 - 0									
			085	00900	04.10	34.910	27.73		1482 -0									
			510	01000	04-11	34.93	27.74	00.735	1483.8									
			OB 5	01000	04.11	34.930	27.74		1483.8									
			510 085	01100	04-12 04-12	34.93 34.930	27.74	00.782	1485.5									
			510	01200	04.12	34.92	27.74 27.74	00.829	1485.5									
			085	01200	04.04	34.925	27.74		1486.8									
			510	01300	04.00	34.92	27.74	00.877	1488.3									
			085	01300	04.00	34.920	27.74		1488.3									
			510	01400	03.95	34.91	27.75	00.926	1489.8									
			085	01400	03.95	34.915	27.75		1489.8									
			ST <sub>D</sub> oRs	01500 01500	03.86 03.86	34.91 34.910	27.75 27.75	00-975	1491.1 1491.1									

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

CASTNUM/ITME IVILTYP DEPTH 1EMP SAL SIGNA-T DYNOPTH SNO VEL DXTG P14 TOT P NOZ NO3 SI33 PH 1		R296 0142 49.0N 26.0H	YEAR MUNT: DAY HUUR	09	8010P 01660 SHIP EV OATA USE 1 AREA 05				GT PER L 2	WIND-DIR WIND-DPD WIND-FIR WEATHER	13	TRACE OURAT		00.7	5 2	N SO 1 SOUARE SQUARE SQUARE	2 2 ¶
07.8   195   00000	CASTNUM	7146	LVLTYP	DEPTH	TEMP	SAL	5 LGMA-T	DYNOPTH	SNO VEL	OXYG	P74	TOT P	NO2	NO3	2133	PH	
07.8   195   00000			STD	00000	01.66	32.57	26 - D8	00.000	1453.4								
185   00004		02.8						00.000									
\$10 00010 01.73 32.700 20.17 1454-1 \$10 00020 00.22 32.700 20.17 1454-1 \$10 00020 00.22 32.700 20.28 1447.5 \$10 00020 00.22 32.72 20.28 00.037 1447.5 \$10 00020 00.22 32.70 20.28 1447.5 \$10 00030 - 1.12 33.040 20.59 1441.9 \$10 0010 - 1.12 33.040 20.59 1441.9 \$10 00050 - 1.19 33.22 20.70 1441.3 \$10 00050 - 1.18 33.22 20.70 1442.5 \$10 00050 - 1.18 33.22 20.70 1442.5 \$10 00050 - 1.18 33.22 20.70 1442.5 \$10 00050 - 1.18 33.22 20.70 1442.5 \$10 00050 - 1.18 33.22 20.70 1442.5 \$10 00050 - 1.18 33.22 20.70 1442.5 \$10 00050 - 1.18 33.22 20.70 1442.5 \$10 00050 - 1.24 33.38 20.80 00.112 1441.8 \$10 00000 - 1.24 33.38 20.80 00.112 1441.8 \$10 00100 - 1.24 33.38 20.87 00.112 1442.9 \$10 00100 - 1.24 33.38 20.87 00.112 1442.9 \$10 00100 - 1.24 33.38 20.87 00.112 1442.9 \$10 00125 - 0.88 33.49 20.80 00.171 1445.2 \$10 00125 - 0.88 33.49 20.80 00.171 1445.2 \$10 00125 - 0.88 33.49 20.80 00.171 1445.2 \$10 00150 - 0.25 33.73 27.10 00.198 1444.8 \$10 00100 - 0.25 33.73 27.11 00.249 1449.7 \$10 00100 - 0.25 33.73 27.11 00.249 1449.7 \$10 00100 - 0.25 33.73 27.11 00.249 1449.7 \$10 00000 00.00 33.86 27.20 00.29 1452.2 \$10 00000 00.00 33.86 27.20 00.29 1452.2 \$10 00000 00.00 33.86 27.20 00.407 1477.0 \$10 00000 00.407 34.88 27.70 00.407 1477.0 \$10 00000 00.407 34.88 27.70 00.407 1477.0 \$10 00000 00.407 34.89 27.77 00.41 1453.9 \$10 00000 00.407 34.89 27.77 00.41 1473.7 \$10 00000 00.40 34.89 27.77 00.41 1473.7 \$10 00000 00.40 34.89 27.77 00.41 1473.7 \$10 00000 00.40 34.89 27.77 00.41 1473.7 \$10 00000 00.40 34.89 27.77 00.41 1463.3 \$10 00000 00.40 34.89 27.77 00.41 1463.3 \$10 00000 00.40 34.89 27.77 00.41 1463.3 \$10 00000 00.40 34.89 27.77 00.41 1463.3 \$10 00000 00.40 34.89 27.77 00.41 1463.3 \$10 00000 00.40 34.89 27.77 00.41 1463.3 \$10 00000 00.40 34.89 27.77 00.41 1463.3 \$10 00000 00.40 34.89 37.77 00.41 1463.3 \$10 00000 00.40 34.89 37.77 00.41 1463.3 \$10 00000 00.40 34.89 37.77 00.41 1468.8 \$10 00000 00.40 34.89 37.77 00.41 1468.8 \$10 00000 00.40 34.89 37.77 00.41 1468.8 \$10 00000 00.40 34.89 37.77 00.41 1468.8 \$10 00000 00.40 34.89 37.77 00.41																	
\$10 00029 00.22 32.720 20.28 00.037 1447.5  \$10 00030 - 1.12 33.04 20.59 1441.9  B16 00030 - 1.12 33.040 20.59 1441.9  B17 000310 - 1.12 33.040 20.59 1441.9  B18 000310 - 1.12 33.040 20.59 1441.9  B18 000310 - 1.12 33.040 20.59 1441.9  B18 00030 - 1.18 33.12 20.67 1441.9  B19 00050 - 1.18 33.22 20.67 1442.2  B19 00050 - 1.18 33.22 20.67 1442.2  B19 00050 - 1.18 33.245 20.76 1442.2  B19 00050 - 1.20 33.32 20.68 1442.3  S10 00075 - 1.26 33.32 20.68 1442.3  S10 00075 - 1.26 33.32 20.68 1442.3  S10 00100 - 1.24 33.18 20.68 1442.3  S10 00100 - 1.24 33.18 20.67 00.142 1442.9  S10 00100 - 1.24 33.18 20.67 00.142 1442.9  S10 00100 - 1.24 33.18 20.67 00.171 1445.2  B18 00100 - 1.24 33.18 20.67 00.171 1445.2  B19 00150 - 0.68 33.50 27.00 00.198 1440.6  S10 00200 - 0.25 33.73 27.11 00.299 1440.7  B19 00200 - 0.25 33.73 27.11 00.299 1449.7  B19 00200 - 0.25 33.73 27.11 00.395 1455.2  B19 00200 - 0.25 33.73 27.11 00.395 1455.2  B19 00200 - 0.27 23.73 27.11 00.395 1455.2  B19 00200 - 0.27 27.2 43.79 27.71 00.497 1477.0  B19 00100 00.50 34.02 77.7 00.497 1477.0  B19 00100 00.50 34.02 77.7 00.497 1477.0  B19 00100 00.40 34.88 27.70 00.497 1477.0  B19 00200 04.00 34.88 27.70 00.497 1477.0  B19 00200 04.00 34.88 27.70 00.497 1477.0  B19 00200 04.00 34.88 27.77 00.497 1477.0  B19 00200 04.00 34.890 27.77 00.543 1478.7  B10 00200 04.00 34.93 27.77 00.543 1478.7  B10 00200 04.00 34.93 27.77 00.543 1488.8  S10 00200 04.00 34.93 27.77 00.543 1488.8  S10 00200 04.00 34.93 27.77 00.681 1488.3  S10 00200 04.00 34.93 27.77 00.681 1488.3  S10 00200 04.00 34.93 34.93 27.77 00.681 1488.3  S10 00200 04.00 34.93 34.93								00.019	1454.1								
195			OBS	00010	01.73	32.700	26.17		1454.1								
\$10 00030 - 1.12 33.040 26.59 00.053 1441.9  085 000105 - 1.29 31.130 25.67 1441.9  195 000405 - 1.09 31.250 26.76 1442.5  \$10 00050 - 1.18 33.22 26.74 00.081 1442.5  \$10 00050 - 1.18 33.22 26.74 00.081 1442.5  \$10 00050 - 1.18 33.22 26.74 00.081 1442.5  \$10 00050 - 1.18 33.22 26.74 00.081 1442.5  \$10 00075 - 1.26 33.24 52.16 1441.8  \$10 00075 - 1.26 33.24 52.16 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 1.24 33.18 26.87 00.112 1442.9  \$10 00100 - 0.25 33.49 26.05 00.171 1445.2  \$10 00100 - 0.88 33.490 26.05 00.171 1445.2  \$10 00100 - 0.25 33.710 27.11 00.249 1449.7  \$10 00200 - 0.25 33.710 27.11 00.249 1449.7  \$10 00200 - 0.25 33.710 27.11 00.249 1449.7  \$10 00200 - 0.008 33.86 27.20 00.294 1452.2  \$10 00100 00.50 34.02 27.11 00.335 1455.2  \$10 00100 00.50 34.02 27.11 00.335 1455.2  \$10 00400 00.50 34.02 27.11 00.335 1455.2  \$10 00400 00.57 34.02 27.11 00.451 1477.0  \$10 00400 00.57 34.02 27.11 00.451 1477.0  \$10 00400 00.40 34.88 27.70 00.451 1477.0  \$10 00400 00.40 34.88 27.70 00.451 1477.0  \$10 00400 00.41 34.90 27.77 00.451 1478.7  \$10 00400 00.41 34.90 27.77 00.451 1478.7  \$10 00400 00.41 34.90 27.77 00.551 1478.7  \$10 00400 00.41 34.90 27.77 00.551 1478.7  \$10 00400 00.40 34.93 27.77 00.551 1478.7  \$10 00400 00.40 34.93 27.77 00.551 1478.7  \$10 00400 00.40 34.93 27.77 00.551 1485.3  \$10 00400 00.40 34.93 27.77 00.551 1478.7  \$10 00400 00.40 34.93 27.77 00.551 1478.7  \$10 00400 00.40 34.93 27.77 00.551 1478.7  \$10 00400 00.40 34.93 27.77 00.551 1478.7  \$10 00400 00.40 34.93 27.77 00.551 1485.3  \$10 00400 00.40 34.93 27.77 00.651 1485.3  \$10 00400 00.40 34.93 27.77 00.651 1485.3  \$10 00400 00.40 34.93 27.77 00.651 1485.3  \$10 00400 00.40 34.93 27.77 00.651 1485.3  \$10 00400 00.50 34.93 27.77 00.651 1485.3  \$10 00400 00.50 34.9			\$10	00029		32.72	26 - 28	00.037									
085 00010 - 1.12 33.040 26.59 1441-9 085 00010 - 1.09 31.130 25.67 1442-5 0810 00050 - 1.18 31.225 26.74 00.081 1442-2 0810 00050 - 1.18 31.225 26.74 1442-2 0810 00050 - 1.18 31.225 26.74 1442-2 0810 00050 - 1.29 31.255 26.74 1442-2 0810 00050 - 1.20 31.255 26.76 1442-2 0810 00050 - 1.20 31.245 26.76 1442-2 0810 00050 - 1.20 31.245 26.76 1442-2 0810 00050 - 1.20 31.25 26.83 00.112 1441.8 0810 00050 - 1.20 31.25 26.83 00.112 1442.9 0810 00100 - 1.24 31.385 26.87 00.142 1442.9 0810 00100 - 1.24 31.385 26.87 00.171 1445.2 0810 00125 - 0.88 31.490 26.95 150 00.171 1445.2 0810 00150 - 0.68 31.560 27.00 00.171 1445.2 0810 00150 - 0.68 31.560 27.00 00.188 1446.6 0810 00200 - 0.25 31.710 27.11 00.249 1449.7 0810 00500 0.00 31.85 31.73 27.11 00.249 1449.7 0810 00500 00.00 31.86 07.20 00.29 1449.7 0810 00500 00.00 31.86 07.20 00.40 1449.7 0810 00500 00.50 34.025 27.11 00.335 1455.2 0810 00500 00.50 34.025 27.11 00.335 1455.2 0810 00500 00.74 34.79 27.57 00.451 1471.7 085 00500 00.74 34.79 27.57 00.451 1471.7 085 00500 00.74 34.79 27.57 00.451 1471.7 085 00500 00.74 34.79 27.57 00.451 1471.7 085 00500 00.41 34.92 27.71 00.541 1471.7 085 00500 00.41 34.93 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 085 00500 00.41 34.99 27.77 00.541 1471.7 086 00500 00.41 34.99 27.77 00.541 1482.1 087 00500 00.41 34.99 27.77 00.541 1483.6 089 00500 00.41 34.99 27.77 00.541 1483.6 080 00000 00.41 34.99 27.77 00.541 1483.6 080 00000 00.41 34.99 27.77 00.681 1483.6 080 00000 00.41 34.99 27.77 00.681 1483.6 080 00000 00.40 00.30 34.99 34.99 27.77 00.681 1483.6 080 00000 00.30 34.99 34.99 27.77 00.688 1483.6																	
085 00015 - 1,29 31,210 25.07 1441.3 1442.5 150 00000 - 1,10 31,220 26.76 1442.5 150 00000 - 1,11 31,22 26.74 00.081 1442.5 1442.5 1850 00000 - 1,12 31,225 26.74 1442.2 1442.2 1850 00000 - 1,29 31,245 26.74 1442.2 1850 00000 - 1,29 31,245 26.74 1442.2 1850 00000 - 1,29 31,245 26.74 1442.3 1850 00000 - 1,29 31,245 26.76 1441.8 1850 00000 - 1,20 31,322 26.74 1442.3 1850 00000 - 1,20 31,322 26.74 1442.3 1850 00000 - 1,20 31,322 26.73 00.112 1442.3 1850 00000 - 1,20 31,16 26.83 00.112 1442.3 1842.3								00-053									
95 000-0 - 1.09 31.250 26.74 00.081 1442.5 1850 00005 - 1.18 31.225 26.74 1442.2 1842.2 185 00005 - 1.18 31.225 26.76 1442.2 1865 00005 - 1.29 31.245 26.76 1442.3 186 26.76 1442.3 186 26.76 1442.3 186 26.83 00.112 1442.3 186 26.83 00.112 1442.3 186 26.83 00.112 1442.3 186 26.83 00.112 1442.3 186 26.83 00.112 1442.3 186 26.83 00.112 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 00.102 1442.3 186 26.83 186 26.83 00.102 1442.3 186 26.83																	
\$10 00050 - 1.18 31.22 26.74																	
DRS 00050 - 1.18 31-225 26.74 1442.2  DRS 00075 - 1.26 33.225 26.76  STD 00075 - 1.26 33.22 26.83 00.112 1442.3  DRS 00075 - 1.26 33.125 26.83 1442.3  STD 00100 - 1.24 33.18 26.87 00.142 1442.3  STD 00100 - 1.24 33.18 26.87 00.142 1442.9  DRS 00100 - 1.25 33.35 27.87 1442.9  STD 00125 - 0.88 33.49 26.95 00.171 1445.2  DRS 00105 - 0.68 33.49 26.95 00.171 1445.2  STD 00150 - 0.68 33.40 26.95 00.171 1445.2  STD 00150 - 0.68 33.40 26.95 00.18 1446.6  SRS 00100 - 0.25 33.71 27.11 00.244 1449.7  STD 00150 - 0.68 33.66 27.00 00.19 1446.6  SRS 00200 - 0.25 33.71 27.11 00.244 1449.7  STD 00100 - 0.25 33.88 27.00 00.294 1452.2  SRS 00250 00.08 33.86 27.20 00.294 1452.2  SRS 00250 00.08 33.86 27.20 00.294 1455.2  SRS 00400 00.50 34.02 27.31 00.335 1455.2  SRS 00400 00.27 34.57 27.59 1467.4  SRS 00400 00.27 34.57 27.59 1467.4  SRS 00500 03.74 36.79 27.67 00.401 1473.7  DRS 00500 03.74 36.79 27.67 00.451 1473.7  DRS 00500 03.74 36.79 27.67 1473.7  SRS 00600 04.09 34.88 27.70 00.451 1473.7  SRS 00600 04.09 34.88 27.70 00.451 1473.7  SRS 00600 04.01 34.30 27.72 00.451 1473.7  SRS 00600 04.11 34.30 27.72 00.451 1473.7  SRS 00600 04.13 34.91 27.73 00.451 1473.7  SRS 00600 04.13 34.91 27.73 00.551 1485.3  SRS 00900 04.13 34.91 27.73 00.551 1485.3  SRS 00900 04.13 34.91 27.73 00.551 1485.3  SRS 00900 04.10 34.92 27.73 00.551 1485.3  SRS 00900 04.10 34.92 27.73 00.551 1485.3  SRS 00900 04.10 34.92 27.74 00.881 1485.3  SRS 00900 04.10 34.93 27.74 1485.3  SRS 00900 04.10 34.93 27.74 1485.3  SRS 00900 04.10 34.93 27.75 1485.3  SRS 00900 04.10 34.93 27.76 00.881 1485.3  SRS 00900 04.10 34.93 27.77 00.888 1485.3  SRS 00900 04.10 34.93 27.77 00.888 1485.3  SRS 00900 04.10 34.93 27.77 00.888 1485.3  SRS 00900 04.10 04.00 0								00 001									
Side								00.081									
S1D																	
195								00 112									
10								00.112									
Nest   Outlook								00.162									
\$10 00125 - 0.88 33.49 26.95								00.142									
085 00125 - 0.88 33.490 26.95 1445.2  \$10 00150 - 0.68 33.56 27.00 0.198 1446.6  \$10 00200 - 0.25 33.73 27.11 0.2449.7  885 00200 - 0.25 33.730 27.11 0.2449.7  \$10 00250 00.08 33.86 27.20 0.294 1449.7  \$10 00250 00.08 33.86 27.20 0.294 1452.2  \$10 00250 00.08 33.86 27.20 1452.2  \$10 00300 00.50 34.02 27.31 00.335 1455.2  \$185 00300 00.50 34.02 27.31 00.335 1455.2  \$180 00400 02.72 34.57 27.59 00.400 1467.4  \$10 00500 03.74 34.79 27.67 00.451 1473.7  \$10 00500 03.74 34.88 27.70 00.451 1473.7  \$10 00600 04.09 34.88 27.70 00.497 1477.0  \$10 00600 04.09 34.88 27.70 00.594 1470.7  \$10 00600 04.11 34.00 27.77 00.543 1478.7  \$10 00800 04.13 34.91 27.77 00.543 1478.7  \$10 00800 04.13 34.91 27.73 00.594 1400.5  \$10 00900 04.10 34.92 27.73 0.594 1400.5  \$10 00900 04.10 34.92 27.73 0.685 1402.1  \$10 00900 04.10 34.92 27.73 0.681 1483.6  \$10 00900 04.10 34.92 27.77 1478.7  \$10 0080 04.00 34.93 34.930 27.77 1488.3  \$10 00900 04.10 34.92 27.77 1488.3  \$10 00900 04.10 34.92 27.77 1488.3  \$10 00900 04.10 34.92 27.77 1488.3  \$10 0000 04.08 34.93 27.74 1488.3  \$10 0100 04.08 34.93 27.74 1488.3  \$10 0100 04.03 34.93 27.74 1488.3  \$10 0100 04.03 34.93 27.77 1488.3  \$10 0100 03.85 34.93 27.77 1488.3  \$10 0100 03.85 34.93 27.77 1488.3  \$10 0100 03.85 34.93 27.77 0.886 1489.4  \$10 0100 03.85 34.93 27.77 0.886 1489.4  \$10 0100 03.85 34.93 27.77 0.886 1489.4  \$10 0100 03.85 34.93 27.77 0.886 1489.4  \$10 0100 03.85 34.93 27.77 0.886 1489.4  \$10 0100 03.85 34.93 27.77 0.886 1489.4  \$10 0100 03.85 34.93 27.77 0.886 1489.4  \$10 0100 03.85 34.93 27.77 0.986 1488.3								00.171									
STO   00150   - 0.68   33.56   27.00   00.198   1446.6   1446.7   1446.7   1445.2																	
98								00-198									
185			<b>ገ</b> ጻ ና				27.00		1446.6								
S10   00250   00.08   33.86   27.20   00.294   1452.2     S10   00300   00.50   34.02   27.31   00.335   1455.2     IBS   00100   00.50   34.02   27.31   00.335   1455.2     S10   00400   02.72   34.57   27.59   00.400   1467.4     IBS   00400   02.72   34.57   27.59   00.400   1467.4     IBS   00500   03.74   34.79   27.67   00.451   1473.7     OBS   00500   03.74   34.79   27.67   00.451   1473.7     OBS   00500   03.97   34.880   27.70   07.67   07.67     OBS   00500   04.09   34.88   27.70   07.67   07.67     OBS   00500   04.09   34.88   27.70   07.67   07.67     OBS   00500   04.11   34.90   27.77   07.54   1478.7     OBS   00500   04.11   34.90   27.77   07.54   1478.7     OBS   00500   04.11   34.90   27.77   07.54   1478.7     OBS   00500   04.11   34.90   27.77   07.58   1478.7     OBS   00500   04.13   34.91   27.73   07.58   1480.5     OBS   00900   04.10   34.92   27.73   1480.5     OBS   00900   04.10   34.92   27.73   1480.5     OBS   00900   04.10   34.92   27.73   1482.1     OBS   00900   04.10   34.93   27.74   00.681   1483.6     OBS   01000   04.08   34.93   27.74   00.681   1483.6     OBS   01100   04.07   34.93   27.74   00.727   1485.3     OBS   01100   04.07   34.93   27.77   07.77   1486.8     OBS   01100   04.07   34.93   27.77   07.77   1486.8     OBS   01100   04.07   34.93   27.77   07.77   1488.3     OBS   01100   04.08   34.93   27.77   07.77   1488.3     OBS   01100   04.07   34.93   27.77   07.77   1488.3     OBS   01100   03.85   34.93   27.77   00.686   1489.4     OBS   01100   03.85   34.93   27.77   00.881   1488.3     OBS   01100   03.85   34.93   27.77   00.881   1488.3     OBS   01400   03.85   34.93   27.77   00.881   1488.3     OBS   01500   03.77   34.93   27.77   00.985   1489.4			510				27.11	00.249	1449.7								
085 00250 00-09 33-860 27.20 1452.2 \$1D 00300 00-50 34.02 27.31 00.335 1455.2 \$1D 00400 02.72 34.57 27.59 00.400 1467.4 \$1B8 00500 02.72 34.57 27.59 1467.4 \$1B9 00500 03.74 34.79 27.67 00.451 1473.7 \$1B 00500 03.74 34.79 27.67 00.451 1473.7 \$1B 00500 03.74 34.79 27.67 00.451 1473.7 \$1B 00500 03.74 34.850 27.69 1475.6 \$1D 00600 04.09 34.88 27.70 00.497 1477.0 \$1D 00600 04.09 34.88 27.70 00.497 1477.0 \$1D 00600 04.09 34.88 27.70 00.497 1477.0 \$1D 00700 04.11 34.90 27.77 00.543 1478.7 \$1D 00800 04.13 34.91 27.73 00.589 1478.7 \$1D 00800 04.13 34.91 27.73 00.589 1478.7 \$1D 00800 04.13 34.91 27.73 00.650 1480.5 \$1D 00900 04.10 34.92 27.73 00.635 1482.1 \$1D 00900 04.10 34.92 27.73 00.661 1483.6 \$1D 01000 04.08 34.93 27.74 00.681 1483.6 \$1D 0100 04.08 34.93 27.74 00.681 1485.3 \$1D 0100 04.08 34.93 27.74 00.727 1485.3 \$1D 0100 04.08 34.93 27.75 00.727 1485.3 \$1D 0100 04.08 34.93 27.75 00.727 1485.3 \$1D 0100 04.08 34.93 27.76 00.821 1485.3 \$1D 01300 03.99 34.93 27.76 00.821 1486.3 \$1D 01300 03.99 34.93 27.77 00.868 1489.4 \$1D 01500 03.85 34.93 27.77 00.868 1489.4 \$1D 01500 03.85 34.93 27.77 00.868 1489.4 \$1D 01500 03.85 34.93 27.77 00.868 1489.4 \$1D 01500 03.67 34.93 27.77 1488.3				00200	- 0.25	33.730			1449.7								
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185																	
\$10 00400 02.72 34.57 27.59 00.400 1467.4  \$10 00500 02.72 34.575 27.59 1467.4  \$10 00500 03.74 34.79 27.67 00.451 1473.7  085 00500 03.74 34.795 27.69 1473.7  085 00500 03.74 34.850 27.69 1475.6  \$10 00600 04.09 34.88 27.70 00.497 1477.0  \$10 00600 04.09 34.88 27.70 00.497 1477.0  \$10 00700 04.11 34.90 27.72 00.543 1478.7  \$10 00700 04.11 34.90 27.72 00.543 1478.7  \$10 00600 04.13 34.91 27.73 00.589 1400.5  \$10 00800 04.13 34.91 27.73 00.589 1400.5  \$11 00900 04.10 34.92 27.73 1460.5  \$10 00900 04.10 34.92 27.73 1460.5  \$10 01000 04.08 34.930 27.74 00.681 1483.6  \$10 01000 04.08 34.930 27.74 00.681 1483.6  \$10 01000 04.08 34.93 27.74 00.681 1483.6  \$10 01000 04.08 34.93 27.74 1685.3  \$10 01000 04.08 34.93 27.74 1685.3  \$10 01000 04.08 34.93 27.74 1686.8  \$10 01000 04.08 34.93 27.75 00.777 1488.3  \$10 01000 04.03 34.93 27.75 00.777 1888.3  \$10 01000 03.85 34.93 27.75 00.881 1488.3  \$10 01000 03.99 34.93 27.76 00.881 1488.3  \$10 01400 03.85 34.93 27.77 00.868 1489.4  \$10 01400 03.85 34.93 27.77 00.868 1489.4  \$10 01500 03.85 34.93 27.77 00.868 1489.4  \$10 01500 03.85 34.93 27.77 00.868 1489.4  \$10 01500 03.85 34.93 27.77 180.915 1490.7								00.335									
085         004 00         02.72         34.575         27.59         1467.4           STD         005 00         03.74         34.795         27.67         00.451         1473.7           085         005 50         03.74         34.795         27.69         1475.6           510         006 00         04.09         34.880         27.70         00.497         1477.0           085         006 00         04.09         34.980         27.70         1477.0         1478.7           510         007 00         04.11         34.90         27.72         00.543         1478.7           510         008 00         04.11         34.90         27.73         00.543         1478.7           510         008 00         04.13         34.91         27.73         00.589         1480.5           510         008 00         04.13         34.91         27.73         00.635         1482.1           510         009 00         04.10         34.92         27.73         1482.1           510         009 00         04.10         34.92         27.73         1482.1           510         010 00         04.08         34.93         27.74         00.681 <td></td>																	
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085         00500         03.74         34.795         27.67         1473.7           085         00550         03.97         34.850         27.69         1475.6           510         00600         04.09         34.88         27.70         00.497         1477.0           085         00600         04.09         34.88         27.70         1477.0         1478.7           085         00700         04.11         34.90         27.72         00.543         1478.7           510         00800         04.13         34.91         27.73         00.589         1480.5           8570         00900         04.13         34.91         27.73         00.589         1480.5           8570         00900         04.10         34.92         27.73         00.635         1482.1           985         00900         04.10         34.92         27.73         00.635         1482.1           850         01000         04.08         34.93         27.14         00.681         1483.6           985         01000         04.08         34.93         27.74         1485.3           985         01100         04.07         34.93         27.74 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>																	
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STD   OBBOO   O4.13   34.91   27.73   O0.589   1480.5   1480.5   STD   OBBOO   O4.13   34.915   27.73   O0.635   1482.1   OBS   OBBOO   O4.10   34.92   27.73   O0.635   1482.1   OBS   OBBOO   O4.10   34.92   27.73   O0.635   1482.1   O0.681   1483.6   OBS   OBBOO   O4.08   34.93   27.74   O0.681   1483.6   OBS   OBBOO   O4.08   34.93   27.74   O0.727   1485.3   OBS   OBBOO   O4.07   34.93   27.74   OBBOO   OB								00.743									
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085 01200 04.03 34.935 27.75 1486.8 \$10 01300 03.99 34.93 27.76 00.821 1488.3 085 01300 03.99 34.935 27.76 1488.3 \$10 01400 03.85 34.93 27.77 00.868 1489.4 085 01400 03.85 34.93 27.77 1489.4 \$10 01500 03.77 34.93 27.78 00.915 1490.7			085	01100	04.07	34.930	27.74		1485.3								
\$10 01300 03.99 34.93 27.76 00.821 1488.3 085 01300 03.99 34.935 27.76 1488.3 \$10 01400 03.85 34.93 27.77 00.868 1489.4 085 01400 03.85 34.93 27.77 189.4 \$510 01500 03.77 34.93 27.78 00.915 1490.7								00.774									
085 01300 03-99 34-935 27.76 1488-3 SID 01400 03-85 34-93 27.77 00.868 1489-4 085 01400 03-85 34-930 27.77 1489-4 SIO 01500 03-77 34-93 27.78 00.915 1490.7																	
\$10 01400 03.85 34.93 27.77 00.868 1489.4 085 01400 03.85 34.930 27.77 1489.4 \$10 01500 03.77 34.93 27.78 00.915 1490.7								00.821									
085 01400 03.85 34.930 27.77 1489.4 570 01500 03.77 34.93 27.78 00.915 1490.7																	
\$10 01500 03.77 34.93 27.78 00.915 1490.7								00.868									
ORS 01500 03.77 34.930 27.7R 1490.7								00.915									
			ORS	01500	03.77	34.930	27.79		1490.7								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIO CONSE LAT LONG	C 42	8296 0143 29.0N 47.5H	YEAR MONT- DAY HOUR	1 06	BOTOP 02562 SHIP EV OATA USE 1 AREA 05	ALR 1 WET 1 BARD CLOU	9UL9 10.0 MFTR 1024.7		GT PER L 2	#140+3ER #140-5PO #140-F3R #64 THFR	15	TR ACI	STO RECU E OIR FLON IIP 111	DP 0€8 ⊃ 00.4	5 2	N SO 1 SOUARE SOUARE SOUARE	28
CAS	TNUM/	714E	LVLTYP	ОЕргн	TEMP	SAL	S13MA-T	0 YNOPTH	SNO VEL	3XYG	P)4	101 P	132	FOF	5133	PH	
			510	00000	03.22	32.61	25.98	00-000	1467.3								
		10.6	ne s	00000	03.22	32.610	25.98		1460 - 3								
			510 085	00010	02.69 02.69	32.62 32.620	26.04 26.04	00.020	1458.2								
			510	00020	02.46	32.71	26.13	00.039	1457.5								
			385	00020	02-46	32.710	26.13		1457.5								
			510	000 30	01.97	32.69	26.15	00.058	1455 - 5								
			085 510	00030 00050	01-97 01.43	32.690	26.15 25.30	00.094	1455.5								
			085	00050	01.43	32.830	26.30	00.074	1453.6								
			510	00075	- 1.18	32.95	26.52	00.135	1442.2								
			085	00075	- 1.18	32.955	26.52	00 170	1442.2								
			510 085	00100	- 1.50 - 1.64	33.22 33.310	26.75 26.82	00.170	1441.5								
			510	00125	- 1.40	33.39	26.88	00.701	1442.6								
			085	00125	- 1.40	33.390	26.88		1442 • 6								
			085 510	00134 00150	- 1.44 - 1.20	33.180 33.43	26.00 26.91	00.230	1442.6								
			085	00150	- 1.20	33.430	26.91	00.230	1444.0								
			2.60	00159	- 1.13	33.420	26.90		1444.5								
			200	00173	- 1.15	33.475	26.94		1444.7								
			ORS STO	00193	- 1.04 - 0.91	33.535 33.60	26.99 27.04	00.284	1445.6								
			085	00200	- 0.91	33.600	27.04	00.204	1446.4								
			510	00250	00.71	33.95	27-25	00.331	1455.2								
			nes	00250	00.71	33.955	27.25		1455+2								
			085 510	00300	01.47 00-57	34.070 34.05	27.29 27.33	00.370	1459.2								
			005	00300	00.57	34.055	27.33		1455 -5								
			510	00400	01.93	34.39	27.5L	00.438	1463.7								
			005	00400	01.93	34.390	27.51	00.493	1463.7								
			51D 085	00500 00500	03+22 03+22	34.68 34.680	27.63 27.63	00.443	1471.4								
			STD	00600	04.40	34.97	27.74	00.540	1478.4								
			085	00600	04.40	34.970	27.74		1478.4								
			510 085	00700 00700	04.57 04.57	34.97 34.970	21.72 21.72	00.584	1480.7								
			085	00725	04.44	34.970	27.74		1480.6								
			085	00753	04.44	34.970	27.74		1481.1								
			510	00800	04.31	34.95	27.74 27.74	00.630	1481 - 3								
			085 085	00800	04.31 04.22	34.955 34.950	21.14		1481.3								
			085	00888	04.28	34.960	27.75		1482.7								
			510	00900	04.25	34.96	27.75	00.675	1482.7								
			085 510	01000	04.25 04.20	34.960 34.96	27•75 27•75	00.720	1487.7								
			085	01000	04.20	34.960	27.75	00.720	1484.2								
			\$10	01100	04.10	34.95	27.76	00.765	1485.4								
			005	01100	04.10	34.95D	21.76		1485.4								
			\$10 085	01200 01200	04.03 04.03	34.94 34.945	27.76 27.76	00.811	1486 • 8 1486 • 8								
			\$10	01300	03.95	34.94	27.17	00.858	1488.1								
			085	01300	03.95	34.940	27.77		1488.1								
			085	01319	03.96	34.995 34.970	27•80		1488.6								
			085	01330 01360	04.08	34.975	27.78 27.78		1489.2								
			510	01400	04.09	34.97	27,17	00.904	1490.4								
			085	01400	04.09	34.970	27.17	00.04	1490.4								
			5 T O OB S	01500 01500	04 • 0 l 04 • 0 l	34.96 34.965	27.78 27.78	00.951	1491.8								
			nes.	01509	04.00	34.965	27.78		1491.9								
							• • • • •		•								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF1D 31 8296 CONSEC 0144 LAT 42 48.5N LONG 050 00.5W	MONT DAY	1972 1 05 10 21.5	BOTOP 03322 SHIP EV OATA USE 1 AREA 05	AIR T WET 3 RAPOM CLUID	ULB 10.0 ETP 1025.0	OLR HI 18 SFA CL/TR	PER 2 2	WIND-DIP WIND-SPO WIND-FIR WEATHER	12	TRACE		00.2	5	N SO 1307 SOUARE 1 SQUARE 20 SOUARE 20
CASTNUM/FIME	LVLTYP	DEPTH	TEMP	SAL	SEGMA-F	OYNOPTH	SNO VEL	O X Y G	P 74	101 P	SCN	403	51 23	P4
	SID	00000	11.31	33.75	25.23	00.000	1492.6							
21.5	005	00000	11.31	33,055	25.23		1492.6							
21.5	510	00010	09.37	32.61	25.21	00.029	1485.2							
	510	00020	05.97	32.59	25.68	00.053	1477.1							
	205	00020	05.97	32.590	25.68		1472-1							
	510	00032	01.10	32.99	26.45	00.073	1457.0							
	985	000 10	01.10	32.990	26.45		1452.0							
	085	00035	01.57	33.090	26.50		1454.3							
	STD	00050	- 0.71	33.13	25.65	00.103	1444 - 2							
	119.5	0005)	- 0.71	33-130	26.65		1444.2							
	510	U0075	- 1-10	33.24	26.75	00.136	1441.0							
	DAS	20075	- 1-10	33.240	26.75		1443.0							
	085	00095	- 1.19	33.365	20.86		1443.1							
	510	00100	- 1.24	33.34	75.R4	00.169	1442.9							
	085	00127	- 1.24	33.540	20.84		1442.9							
	TH S	00120	- 0.78	33.570	27.01		1445.7							
	510	20125	00.63	33.71	27.05	30.195	1452.4							
	ŠŤD	20150	05.97	34.29	27.02 *	00.522	1476.5							
	045	00150	05.97	34.290	27.07		1476-5							
	STO	00200	08.04	34.7R	27.12	00.273	1486 - 1							
	985	00200	09-04	34.780	27.12		1486.1							
	085	00204	37.77	34.770	27.15		14R5 . Z							
	DRS	00223	09-14	35.020	27.13		1493.9							
	085	00245	08.95	35.020	27.16		1493-6							
	STD	00250	08.95	35.02	27.16	00.322	1490.6							
	085	0025)	08.95	35.020	27.16		1440.6							
	STO	00100	04.27	34.32	27.24	00.36A	1472.0							
	08.5	00100	04.27	34.320	27.24		1472-0							
	PRS	90108	04-16	34.320	21.25		1471.7							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFELO 31 H296 YEAR 1972 CPMSEC 0145 MONTH 06 LAT 42 47.0N DAY 17 LONG 049 49.0W HOUR 23.5	HOTOP 01563 SHIP EV DATA USE L AREA 05	AIR TEMP LO WET BULH LO BAPOMETR 1025 CLOUD T/A	.0 19 0 2	WIND-SPO 12 TRACE WIND-FIR DUPAT	
CASTNUM/TIME LYLTYD DEPTH	TEMP	SAL STIMA-T	OYNOPTH SNO VEL	JXYG PJ4 TOT P	NO2 NO3 5133 P4
510 00300	04.84	32.83 24.00	00.000 1467.5		
23.5 985 00000	04.84	32.930 26.00	1467.5		
\$10 00010	02,97	32.58 25.49	00.020 1459.4		
01C00 28P	02.97	32.585 25.99	1459.4		
510 00027	01.63	32.89 25.33	00.039 1454.1		
0.85 200.20	01.63	32.890 25.33	1454.1		
SID 00030	00.07	32.49 25.42	00.055 1447.2		
ORS 00030	00.07	32.890 26.47	1447+2		
510 00057	- 0.66	33.06 26.60	00.086 1444.4		
nas 00050	- 0.66	33.065 26.60	1444.4		
\$10 00075 085 00075	- 1 - 35	33.20 75.73	00.121 1441.H		
<sup>О</sup> ВS 000 <b>75</b> ОВS 00086	- 1.35 - 1.51	33.205 25.73 33.250 26.77	1441.A 1441.2		
513 00103	- 1.37	33.38 26.87	00.152 1442.3		
785 00100	- 1.37	33.380 26.97	1442.3		
510 00125	- 1.30	33.40 25.49	00.181 1441.1		
085 00125	- 1.30	33-400 26-R9	1441.1		
\$10 00150	- 1.15	33.44 20.92	00.210 1444.3		
ORS 00150	- 1.15	31.440 25.92	1444.3		
IRS 00175	- 0.83	33.555 27.00	1446.3		
510 00200	- 0.66	33.63 27.06	00.264 1447.7		
485 202.00	- 0.66	33.635 27.06	1447.7		
00230	- 0.35	33.715 27.11	1449 - 7		
\$10 00250	01-54	33.96 27.12	00.313 1458.8		
UBS 00270	03.61	34.190 27.20	1469.6		
JAS 002HL	04 - 92	34.450 27.28	L+74.2		
\$10 00300	05.68	34.59 27.29	00.358 1478.2		
185 00300	05.68	34-590 27.29	1479.2		
095 00320	06.90	34.840 27.33	1483.7		
085 00340	06.79	34.880 27.37	1483.7		
\$10 00400 085 00400	04.97	34.79 27.53 34.790 27.53	00.430 1477.2		
385 90400 385 004 <b>3</b> 5	04.89	34.790 27.53 34.900 27.63	1477.2		
084 00499	04.14	34.940 27.67	1477.6		
STO 20500	04.28	34.88 27.68	00.484 1476.1		
URS 00509	04-28	34.975 27.68	1476.1		
510 00600	04.09	34.91 27.73	00.530 1477.0		
085 004-00	04.09	34.910 27.73	1477.0		
00100 012	04.12	34.93 27.14	00.573 1478.Я		
OBS 90700	04.12	34.930 27.74	1479.8		
00H00 912	04.11	34.94 21.75	00.617 1480.5		
00400	04.11	34.940 27.75	1480.5		
00400 J15	04.10	34.94 27.75	00.661 1482.1		
085 30900	04.13	34.945 21.15	1482.1		
510 01202	04-06	34.95 27.76	00.705 1483.6		
385 01033	04.05	34.950 27.76	1483-6		
517 01193	34.02	34.94 27.76	00.753 1485.1		
185 01100 510 11300	04.02	34.745 27.76	1485.1		
\$10 01200 98 01200	03.49	34.94 27.76	00.795 1486.6		
00510 28' 00610 412	03.94	34.945 27.76 34.94 27.77	1486.6 00.841 1489.1		
CBS 01300	03.94	34.940 27.77	1489.1		
ST0 01400	03.97	34.93 27.77	00.383 1489.6		
785 01400	03.93	34.935 27.77	1489.6		
085 01495	03.89	34.940 21.17	1491.2		

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REF10 31 9296 CONSEC 0146 LAT 42 37.5N LONG 050 12-0H	MONT	1972 H 06 11 03.9	8010P 02370 SH1P EV OATA USF 1 AREA 05	ATR S WET G BAROS CLINU	SULB 09.3 MFTP 1025.4		GT PER 0 2	MIND-DIP WIND-SPD WIND-FIR WEATHER		TRACI	E DIR	C FOR DE R 7 07+3	5 2	EN SO 11 SQUARE SQUARE SALCS	t 20
CASTNUM/T1ME	EVETYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	DXY G	P14	TOT P	402	NO3	51)3	ρН	
	STO	00000	04.22	32.86	26.09	00.000	1464.9								
03.9	υÃς	00000	04.22	32.860	26.09	00.000	1464.9								
· · ·	STO	00010	01.72	12.69	25.17	07.019	1454 • 0								
	085	000 [ 0	01.72	32.690	26.17	0 / 0 0 1	1454+0								
	510	00020	- 0.28	32.95	26.49	00.036	1445.5								
	nas	00020	- 0.28	32.955	26.49		1445.5								
	210	00030	- 0.00	32.99	26.54	00.051	1443.3								
	OBS	00030	- 0.80	32.990	26.54		1443.3								
	S # D	00050	- 1.15	33.25	26.76	00.779	1442.3								
	085	00050	- 1.15	33,250	26.76		1442.3								
	STD	00075	- 1.23	33.32	26 + 8 2	03-111	1442.5								
	085	00375	- 1.23	33.325	26.82		1442+5								
	STD	00100	- 1.12	33.41	26.89	00.141	1443.5								
	210	00100	- 1.12	33.408	26.99	00.40	1443.5								
	385	00125 00125	- 0.95 - 0.95	33.49 33.490	26.95 25.95	00.169	1444.9								
	510	00150	- 0.79	33.54	26.99	00.196	1444.9								
	085	00150	- 0.78	33.545	26.99	00.170	1446.1								
	510	00200	- 0.68	33.59	21.02	00.249	1447.5								
	MAS	00200	- 0.69	33.588	27.02	30.1	1447.5								
	STO	00250	- 0.28	33.70	27.09	00.100	1450.3								
	285	00250	- 0.28	33.699	21.09	000.00	1450.3								
	S T ()	00300	00.11	33.84	27.19	00.146	1453.1								
	นธร	00300	09.11	33.845	27.19		1453.1								
	nB s	00351	00.57	34.060	27.34		1456.4								
	UBS	00370	00.61	34.120	27.38		1457-0								
	\$10	00400	01.27	34.29	27.4A	00.421	146).7								
	18.5	00400	01.27	34.290	27.4B		1460.7								
	DBS	00440	02.54	34.640	27.66		1467.4								
	510	005.00	03.57	34.75	27.65	00.477	1472.9								
	085 1165	00500	03.57	34.750	27.65		1472.9								
	\$10	00524 00500	04.00	34 • 820	27.6A	00 53/	1474.6								
	085	005 00	04.00	34.88 34.885	21.12 21.72	00.524	1476.6								
	STD	20700	04.08	34.92	27.74	00.569	1478.6								
	U85	00700	04.09	34.920	27.74	00. 30. 1	1478.6								
	STO	00800	04.07	34.93	27.75	00-612	1480.3								
	JAS .	00900	04.07	34.935	27.75		1480.3								
	STD	00900	04.05	34.94	27.75	03.656	1481 +9								
	nr s	00909	04 • 05	34.940	21.75		1491.9								
	SIN	01001	04.04	34.94	21.76	00.700	1483.5								
	185	01000	04-04	34.945	21.16		1483.5								
	STU	01100	04.05	34.94	21.76	00.745	1495.2								
	JRS	01103	04.05	34.945	27.76		1485.2								
	510	01200	04.05	34.95	27.76	00.790	1486.9								
	SEC	01200	04.05	34.950	21.16		1486.9								
	085	01300	04.03 04.03	34.95 34.950	27 • 76	00.337	1488.5								
	510	01403	03.97	34.94	21.76 21.77	00 401	1488.5								
	DAS	01400	03.97	34.945	51.11	00-884	1489.9								
	STD	01500	03.91	34.94	27.77	00.931	1491.3								
	085	01500	03.91	14.945	27.77	30.731	1491.3								
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 R296 CONSEC 0147 LAT 42 44.0N LONG 049 29.5H	YEAR MONTE OAY HOUR	06 12	8010P 02[89 SHIP FV DATA USE 1 AREA 05	AIR WET BARD CLOD	30L8 11•7 4FTR 1020•3		GT PER 4 2	HIND-DIR HIND-SPO HIND-FIR HFATHER		TRAC	STO REC E OTR TION LIP 111	00.4	5	N SQ 13 SQUARE SQUARE SQUARE	2 28
CASTNUM/T1ME	LVLTYP	0EP1H	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	OXYG	P)4	TOT P	N02	NO3	5123	ρН	
	510	00000	05.39	32.79	25.90	00.000	1469.7								
13.1	ORS	00000	05.39	32.790	25,90		1469.7								
	510	01000	03.69	32.58	25.90	00.021	1463.3								
	5.70	00020	02.67	32.55	25.98	00.042	1450.2								
	OBS	00020	02.67	32.550	25.98		1458.2								
	510	000 30	01.72	32.69	26.17	00.061	1454 .4								
	085	00030	01.72	32.690	26 - 17		1454.4								
	085	00041	01.15	32.885	26.36		1452.3								
	510	00050	00.07	32.79	26.34	00.097	1447.4								
	OBS	00050	00.07	32.790	26.34		1447.4								
	08.5	00054	- 0.55	33.090	26.61		1445 - 0								
	DBS	00060	- 0.07	33.230	26.70		1447.5								
	510	00075	- 1.30	33.47	26.94	00.132	1442-4								
	085	00075	- 1.30	33.470	26.94	00.158	1442 -4								
	510 085	00100	00.47	33 - 72	21.07	00.138	1451.3								
	085	00103	00.59	33.720 33.690	27.07 27.04 •		1451.3								
	085	00105	00.59	33.710	27.06		1451.5								
	085	00115	01.02	33.760	27.07		1454.1								
	510	00125	00.85	33,90	27.19	00.182									
	Des	00125	00.85	33.900	27.19	05.102	1453.7								
	065	00140	00.03	33.890	27.23		1450+2								
	STO	00150	00.57	33.94	27.24	00.203	1452.9								
	085	00150	00.57	33.940	27.24		1452 - 9								
	085	00165	00.78	33.990	27.27		1454.2								
	085	00177	00.51	34.040	27.33		1453 - 2								
	STD	00200	01.62	34.32	27.48	00.240	1458.9								
	DBS	00200	01.62	34.320	27.48		1458.9								
	ORS	00222	01-64	34.325	27.48		1459.4								
	5 7 (1	00250	02.06	34.42	27.52	00.270	1461.8								
	085	00250	02.06	34.420	27.52		1461.8								
	Des	00270	02.15	34-440	27.53		1462.6								
	STD	00300	02.81	34.59	27.60	00.297	1466 . 2								
	DRS	00300	02.81	34.590	27-60		1466.2								
	38.5	00343	03.57	34.760	27.66		1470.4								
	STD	00400	03.77	34.82	27.69	00 - 346	1472.2								
	085	00400	03.77	34.920	27.69		1472.2								
	510	00500	03-97	34.89	27.72	00.397	1474.8								
	ORS STD	00500	03.97 04.05	34.890	27.72	00.433	1474.8								
	ORS	00600	04.05	34.92 34.920	27.74 27.74	00.433	1476.9								
	SID	00700	04.04	34.93	27.75	00.476	1478.5								
	กตร	00703	04.04	34.930	21.15	00.470	1478.5								
	510	00800	04.04	34.93	27.75	00.519	1480.1								
	085	00900	04.04	34.930	27.75	*****	1480 -1								
	510	00900	04.04	34.93	27.75	00.563	1481.8								
	280	00900	04.04	34.930	21.75		1481.8								
	\$10	01000	04.04	34.93	27.75	00.608	1483.5								
	085	01000	04.04	34.930	21.75		1483.5								
	510	01100	04.03	34.93	27.75	00.654	1485.1								
	nes.	01100	04.03	34.935	27.75		1485 - 1								
	095	01186	04.03	34.945	27.76		1486.6								
	510	01200	04.08	34.95	27.76	00.700	1487.0								
	085	01200	04.08	34.955	27.76		1487-0								
	510	01300	04-01	34 • 95	27.77	00.746	1488.4								
	085	01300	04.01	34.950	27.77		1488.4								
	510	01400	03.94	34.95	27 - 77	00.792	1489.8								
	085	01400	03.94	34.950	27.77		1489.8								
	085	01440	03.94	34.950	27.77	00 00-	1490.5								
	210	01500	03.83	34.94	27.78	00.839	1491.0								
	085	01500	03.83	34.940	27.78		1491 -0								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

FAR 1972  INT - 06  AY 12  ITHE 16.4  YP 0EPT  D 00000  0 0001  0001  0001  0000  0 00	0 04.21 0 04.21 0 03.47 7 00.50 0 0.61 0 0.61 0 0.61 0 0.61 0 - 1.12 0 - 0.94 0 - 1.18 0 - 1.26 0 - 1.18 0 - 1.18	S4L  32.85 32.805 32.805 32.770 32.830 32.830 32.990 33.140 33.21 33.210 33.210 33.230		19 SEA CL/TR	SNO VEL 1464.9 1464.9 1461.8 1461.8 1449.4 1449.4 1449.4 1441.8 1441.8	MINO-DIR MINO-SPO MINO-SPO WE4THER DYYG		TRAC!	STO REC E DIR TION IIP III NO2	OR DE R 7 00.6	S 2	N SO 130 SOUARE SQUARE 2 SOUARE 2
YP 0EPT D 0000 0 0001 0 0010 0 0000 0 0001 0 0000 0	DATA USE 1 AREA 05  M	S4L 32.85 32.85 32.85 32.85 32.80 32.80 32.80 32.83 32.83 32.83 32.99 33.140 33.21 33.210 33.210 33.245 33.280 33.280	NETR 1020-0 0 1/4 STGM4-T 26-08 26-12 26-12 26-31 26-35 26-35 26-55 26-55 26-67 26-73 26-73 26-73	19 SEA CL/TR 0 YNOPTH 00.000 00.019 00.037	SNO VEL 1464.9 1464.9 1461.8 1448.8 1449.4 1449.4 1441.8 1441.8	WIND-SPO WIND-FOR WEATHER	x. <del>.</del>	TRACI DURAI OPIG	E DIR TION - TIP III	00.6	5 2 1	SQUARE 2 SQUARE 2 SQUARE 2
YP 06PT  0 0000 0 0001 0 0010 0 0002 0 0002 0 0002 0 0002 0 0005 0 0005 0 0007 0 0007 0 0007 0 0007 0 0010	APEA 05  H FEMP  0 04-21 0 04-21 0 03-47 7 00.50 0 00.61 0 - 1.12 0 - 0.94 0 - 1.18 0 - 1.18 5 - 1.18 5 - 1.18 5 - 1.18	S4L 32.85 32.855 32.805 32.805 32.770 32.83 32.830 32.990 33.140 33.210 33.210 33.210 33.210 33.210 33.210 33.210	515M4-T 26.08 26.08 26-12 26-12 26-12 26-31 26-35 26-35 26-55 26-55 26-67 26-73 26-73	0 Y N O P T H O O O O O O O O O O O O O O O O O O	SNO VEL 1464.9 1464.9 1461.8 1461.8 1449.4 1449.4 1449.4 1441.8 1441.8	WE4 THE 2		0190	TIP ILI		1	SQUARE 2 SQUARE 2
YP 06PT  0 0000 0 0001 0 0010 0 0002 0 0002 0 0003 0003 0003 0005 0005 0006 0 0007 0 0010 0011	H FENP  0 04-21 0 34-21 0 03.47 7 00.50 0 00.61 0 00.61 0 - 1.12 0 - 1.18 0 - 1.24 0 - 1.18 5 - 1.18 5 - 1.18 5 - 1.18	32.85 32.855 32.805 32.805 32.805 32.830 32.83 32.83 32.83 32.99 33.140 33.210 33.210 33.210 33.245 33.280	26.08 26.08 26.12 26.12 26.12 26.35 26.35 26.35 26.55 26.55 26.57 26.73 26.73	0 YNOPTH 00,000 00.019 00.037 00.053	SNO VEL 1464.9 1464.9 1461.8 1461.8 1449.4 1449.4 1449.4 1441.8 1441.8					NO3	1	SQUARE 2
0 0000 0 0001 0 0001 0 0001 0 0002 0 0002 0 0003 0 0003 0 0005 0 0005 0 0007 0 0010 0 0010	0 04.21 0 04.21 0 03.47 7 00.50 0 0.61 0 0.61 0 - 1.12 0 - 1.18 0 - 1.18 5 - 1.18 5 - 1.18 - 1.18	32.85 32.855 32.805 32.805 32.770 32.83 32.830 32.990 33.140 33.21 33.210 33.215 33.283	26.08 26.08 26.12 26.12 26.31 26.35 26.35 26.55 26.55 26.57 26.73 26.73	00.000 00.019 00.037 00.053	1464.9 1464.9 1461.8 1461.8 1448.8 1449.4 1449.4 1441.8 1441.8	JXYG	P)4	101 P	NO2	NO3	\$133	P 4
0 0000 0 0001 0 0001 0 0001 0 0002 0 0002 0 0003 0 0003 0 0005 0 0005 0 0007 0 0010 0 0010	0 04.21 0 04.21 0 03.47 7 00.50 0 0.61 0 0.61 0 - 1.12 0 - 1.18 0 - 1.18 5 - 1.18 5 - 1.18 - 1.18	32.85 32.855 32.805 32.805 32.770 32.83 32.830 32.990 33.140 33.21 33.210 33.215 33.283	26.08 26.08 26.12 26.12 26.31 26.35 26.35 26.55 26.55 26.57 26.73 26.73	00.000 00.019 00.037 00.053	1464.9 1464.9 1461.8 1461.8 1448.8 1449.4 1449.4 1441.8 1441.8	DXY G	P)4	TOT P	<b>4</b> 02	NO3	\$133	P-1
0000 0001 0001 0001 0002 0002 0003 0003	0 04.21 0 03.47 0 03.47 7 00.50 0 00.61 0 0.61 0 - 1.12 0 - 1.18 0 - 1.24 0 - 1.18 5 - 1.18 5 - 1.18 - 1.18	32.855 32.80 32.805 32.770 32.83 32.830 32.99 32.990 33.140 33.21 33.210 33.245 33.280 33.30	26.0R 26.12 26.12 26.31 25.35 26.35 26.55 26.55 26.67 26.73 26.73	00.019	1404.9 1461.8 1461.8 1448.8 1449.4 1449.4 1441.8 1441.8							
0 0001 0001 0001 0 0002 0 0003 0 0003 0 0003 0 0005 0 0005 0 0007 0 0010 0 0010	0 03.47 0 03.47 0 00.50 0 00.61 0 0.61 0 - 1.12 0 - 0.94 0 - 1.18 0 - 1.24 0 - 1.18 5 - 1.18 5 - 1.18 5 - 1.18	32.80 32.805 32.770 32.83 32.830 32.99 33.140 33.21 33.210 33.245 33.280 33.30	26-12 26-12 26-31 25-35 26-35 26-55 26-55 26-67 26-73 26-73	00.037	1461.8 1461.8 1448.8 1449.4 1449.4 1441.8 1441.8							
000 I 000 1 000 2 000 2 000 3 000 3 000 4 00 000 5 000 5 000 6 00 000 7 00 00 10 00 10 00 10	0 03.47 0 05.50 0 00.61 0 0.61 0 - 1.12 0 - 1.12 0 - 1.18 0 - 1.18 5 - 1.18 5 - 1.18 5 - 1.18	32.805 32.770 32.83 32.830 32.99 33.140 33.21 33.210 33.245 33.280 33.30	26.12 26.31 26.35 26.35 26.55 26.67 26.67 26.73 26.73	00.037	1461.8 1448.8 1449.4 1449.4 1441.8 1441.8							
0001 0002 0002 0003 0003 0003 0005 0005 0005	7 00.50 00.61 00.61 00.61 0 - 1.12 0 - 1.12 0 - 0.94 0 - 1.18 0 - 1.24 0 - 1.18 5 - 1.18 5 - 1.18	32.770 32.63 32.830 32.99 32.990 33.140 33.21 33.210 33.245 33.280 33.30	26-31 25-35 26-35 26-55 26-55 26-67 26-73 26-73 26-76	00.053	1448.8 1449.4 1449.4 1441.8 1441.8							
0 0002 0002 0 0003 0003 0003 0004 0 0005 0005 0007 0007 0010 0010	0 00.61 0 -1.12 0 -1.12 0 -1.12 0 -1.18 0 -1.18 0 -1.18 5 -1.18 5 -1.18 -1.18	32.83 32.830 32.99 32.990 33.140 33.21 33.210 33.245 33.280 33.30	25.35 26.35 25.55 26.55 26.67 26.73 26.73	00.053	1449.4 1449.4 1441.8 1441.8							
0002 0003 0003 0004 0005 0005 0005 0007 0007 0010 0010	00-61 0 - 1.12 0 - 1.12 0 - 1.12 0 - 1.18 0 - 1.18 0 - 1.18 5 - 1.18 - 1.18 0 - 1.18	32,830 32,99 32,990 33,140 33,21 33,210 33,245 33,280 33,30	26.35 26.55 26.55 26.67 26.73 26.73 26.73	00.053	1449.4 1441.8 1441.8 1443.0							
0003 0004 0 0005 0005 0006 0 0007 0007 0010 0010	0 - 1.12 0 - 0.94 0 - 1.18 0 - 1.18 0 - 1.16 1.16 5 - 1.18 0 - 1.19	32.99 32.990 33.140 33.21 33.210 33.245 33.280 33.30	26.55 26.55 26.67 26.73 26.73 26.76		1441.8 1441.8 1443.0							
0004 0005 0005 0005 0007 0007 0010 0010	0 - 0.94 0 - 1.18 0 - 1.18 5 - 1.24 0 - 1.18 5 - 1.18 5 - 1.18	33.140 33.21 33.210 33.245 33.280 33.30	26.55 26.67 26.73 26.73 26.76		1441.8							
0 0005 0005 0005 0006 0 0007 0007 0 0010 0010	7 - 1.18 7 - 1.18 8 - 1.24 9 - 1.16 9 - 1.18 9 - 1.18 1 - 18	33.21 33.210 33.245 33.280 33.30	26.73 26.73 26.76	00.081	1443.0							
0005 0005 0006 0 0007 0007 0 0010 0010 0012	0 - 1.18 5 - 1.24 0 - 1.18 5 - 1.18 5 - 1.18 0 - 1.19	33.210 33.245 33.280 33.30	26.73 26.76	00.081								
0005 0206 0 0007 0007 0010 0010 0011	5 - 1.24 0 - 1.18 5 - 1.18 5 - 1.18 0 - 1.19	33.245 33.280 33.30	26.76		1442.2							
0006 0 0007 0007 0010 0010 0011 0012	0 - 1.18 5 - 1.18 5 - 1.18 0 - 1.19	33.280 33.30			1442.2							
0 0007 0007 0 0010 0010 0011 0 0012	5 - 1.18 5 - 1.18 5 - 1.19	33.30			1442.0							
0010 0010 0010 0011 0012	5 - 1.18 - 1.19		26.81	00 113	1442.4							
0010 0010 0011 0012	- 1.19	33.305	25.81	00.113	1442.7							
0011	- 1.19	33.35	26.84	00-144	1443.1							
0012		33.350	26.84	004111	1443.1							
	- 1.09	33.420	26.90		1444.0							
0012		33.42	26.90	00.174	1444 - 1							
		33 • 4 2 0	26.90		1444.1							
0015		33.49	26.95	00.202	1445.5							
0015		33.490	26.95		1445.5							
0020		33.59 33.590	27.01	00.256	1448.1							
0025		33.69	27-08	00.306	1448.1							
0025		33,690	27.08	00.300	1450.3							
0026		33.715	27.10		1450.5							
0030		33.81	27.17	00.353	1452.3							
0030		33.810	27.17		1452.3							
0040		34.27	27.37	00.435	1465.9							
0040 0042	02.47	34.270	27.37		1465.9							
0044		34.490 34.490	27.44 27.50		1471 -7							
0045		34.690	27.52		146 <sup>9</sup> .1 1475.7							
0046		34.695	27.63		1471.6							
0047		34.755	27.66		1472.5							
00500		34 • 73	27.66	00.496	1472.3							
005 0		34.735	27.66		1472.3							
005 30		34.810	27.68		1474.4							
0056		34.825	27.69		1475.0							
0060		34.89 34.890	27,71	00.543	1476.9							
0070		34.94	27.71 27.73	00.588	1476-9							
00700		34.945	27.73	00.,00	1479.6							
0075	04-31	34.955	27.74		1480.5							
		34 • 93	27.74	00.632	1480.4							
		34.930	21.74		1480.4							
				00.677								
		34.930	27.75									
				00 722								
				00.122								
		34.93	27.75	00.768								
01100	04.05	34.935	27.75		1485 -2							
		34.75	27.76	00.814	1487.1							
		34.950	21.76		1487-1							
	04.12			00.861	1488.9							
				00.909								
				00 957								
				30. 731								
֡	0 00800 00800 00830 0 00900 00980 0 01000 0 01000 0 01200 0 01200 0 01300 0 01400 0 01400 0 01500	0 0000 04.11 00800 04.11 00830 04.07 0 00700 04.05 00980 04.14 0 01000 04.17 0 01100 04.17 0 01100 04.05 0 01200 04.09 0 01200 04.09 0 01200 04.09 0 01300 04.12 0 01300 04.12 0 01400 04.17	0 0000 0 04.11 34.93 00800 04.11 34.930 00830 04.07 34.925 0 00900 04.05 34.93 0 00900 04.15 34.930 0 01000 04.17 34.95 0 01000 04.17 34.95 0 01100 04.05 34.93 0 01100 04.05 34.93 0 01200 04.09 34.95 0 11200 04.09 34.95 0 01200 04.12 34.96 0 01300 04.12 34.96 0 01400 04.17 34.97 0 01500 04.17 34.97	0 0000 04.11 34.93 27.74 00800 04.11 34.93 27.74 00800 04.11 34.930 27.74 00830 04.07 34.925 27.75 00900 04.05 34.93 27.75 00900 04.05 34.930 27.75 00900 04.14 34.950 27.75 01000 04.17 34.95 27.75 01100 04.05 34.93 27.75 01100 04.05 34.93 27.75 01100 04.05 34.93 27.75 01100 04.05 34.93 27.75 01100 04.05 34.93 27.75 01100 04.05 34.93 27.75 01100 04.07 34.95 27.76 01100 04.07 34.95 27.76 01200 04.09 34.95 27.76 01300 04.12 34.96 27.76 01300 04.12 34.96 27.76 01300 04.12 34.96 27.76 01400 04.17 34.97 27.77 01400 04.17 34.97 27.77 01500 04.17 34.97 27.77	0 0000 0 04.11 34.93 27.74 00.632 00800 04.11 34.930 27.74 00.632 00800 04.07 34.925 27.74 00.632 00900 04.05 34.93 27.75 00.677 00900 04.05 34.930 27.75 00.677 00900 04.16 34.950 27.75 00.970 00100 04.17 34.95 27.75 00.722 01000 04.17 34.95 27.75 00.722 01100 04.05 34.93 27.75 00.768 01100 04.05 34.93 27.75 00.768 01100 04.05 34.93 27.75 00.814 01200 04.09 34.95 27.76 00.814 01300 04.12 34.96 27.76 00.861 01300 04.12 34.96 27.76 00.861 01300 04.12 34.97 27.77 00.909 01500 04.17 34.97 27.77 00.997 01500 04.17 34.97 27.77 00.957	0 0000 04.11 34.93 27.74 00.632 1880.4 00800 04.11 34.930 27.74 1880.4 1880.4 00830 04.07 34.925 27.74 1880.4 1880.8 009800 04.05 34.93 27.75 00.677 1481.9 00980 04.05 34.93 27.75 00.677 1481.9 00980 04.17 34.95 27.75 00.722 1884.1 01000 04.17 34.95 27.75 00.722 1884.1 01000 04.17 34.95 27.75 00.768 1885.2 01100 04.05 34.93 27.75 00.768 1885.2 01100 04.05 34.93 27.75 00.768 1885.2 01100 04.05 34.93 27.75 00.861 1887.2 01100 04.07 34.95 27.76 00.861 1887.2 01100 04.07 34.95 27.76 00.861 1887.1 01200 04.09 34.950 27.76 00.861 1888.9 01300 04.12 34.96 27.76 00.861 1888.9 01300 04.17 34.97 27.77 00.957 1890.8 01400 04.17 34.97 27.77 00.957 1890.8 01500 04.11 34.97 27.77 00.957 1890.8 01500 04.11 34.97 27.77 00.957 1890.8 01500 04.11 34.97 27.77 00.957 1892.2	0 000 0 04.11 34.93 27.74 00.632 1880.4 00800 04.11 34.930 27.74 1880.4 1880.4 00830 04.07 34.925 27.74 1880.8 00900 04.05 34.935 27.75 00.677 1881.9 00980 04.16 34.950 27.75 1481.9 00980 04.17 34.95 27.75 00.722 1884.1 01000 04.17 34.95 27.75 00.722 1884.1 01000 04.17 34.95 27.75 00.722 1884.1 01000 04.17 34.95 27.75 00.768 1485.2 01100 04.05 34.93 27.75 00.768 1485.2 01100 04.05 34.93 27.75 00.768 1485.2 01100 04.05 34.93 27.75 00.814 1887.1 01000 04.10 34.950 27.76 1887.1 00.814 1887.1 01000 04.12 34.960 27.76 00.814 1887.1 01300 04.12 34.960 27.76 00.861 1488.9 01300 04.12 34.960 27.76 1888.9 01400 04.17 34.97 27.77 00.909 14.90.8 01400 04.17 34.97 27.77 00.957 14.92.2 01500 04.11 34.97 27.77 00.957 14.92.2	0 0000 04.11 34.93 27.74 00.632 1400.4 00800 04.11 34.930 27.74 1400.4 1400.8 00030 04.07 34.925 27.74 1460.8 00030 04.07 34.925 27.75 1460.8 00900 04.05 34.93 27.75 00.677 1481.9 00900 04.05 34.93 27.75 1481.9 160.6 00900 04.17 34.95 27.75 1461.9 10100 04.17 34.95 27.75 00.722 1464.1 01000 04.17 34.95 27.75 1468.1 01100 04.05 34.93 27.75 00.768 1465.2 01100 04.05 34.93 27.75 00.768 1465.2 01100 04.05 34.93 27.75 00.861 1487.1 01000 04.12 34.96 27.76 00.814 1487.1 01000 04.12 34.96 27.76 00.814 1487.1 01300 04.12 34.96 27.76 00.861 1488.9 01300 04.12 34.96 27.76 00.861 1488.9 01300 04.17 34.97 27.77 00.997 1490.8 01500 04.17 34.97 27.77 00.997 1490.8 01500 04.17 34.97 27.77 00.957 1492.2 01500 04.11 34.97 27.77 00.957 1492.2	0 0000	0 0000 04.11 34.93 27.74 00.632 1400.4 00030 04.11 34.930 27.74 1400.4 00030 04.07 34.925 27.75 1461.9 00900 04.05 34.93 27.75 00.677 1481.9 00900 04.16 34.950 27.75 1468.1 0 01000 04.17 34.95 27.75 00.722 1464.1 0 01000 04.17 34.95 27.75 00.768 1465.2 0 01100 04.05 34.93 27.75 00.768 1465.2 0 01100 04.05 34.93 27.75 00.768 1465.2 0 01100 04.05 34.93 27.75 00.861 1467.1 0 01200 04.09 34.95 27.76 00.814 1467.1 0 01200 04.09 34.95 27.76 00.814 1467.1 0 01200 04.09 34.95 27.76 00.816 1468.9 0 01300 04.12 34.96 27.76 00.861 1468.9 0 01400 04.17 34.97 27.77 00.909 1490.8 0 01400 04.17 34.97 27.77 1490.8	0 0000	0 0000

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31 8296.—Continued

REFID CONSEC LAT LONG	42	0296 0149 21.0N 37.5W	MONT DAY	1972 Н 06 12 23.4	BOTOP 02986 SHIP EV OATA USE 1 AREA 05				IGT PER 3 2	ATYO-DER MEND-SPD MEND-FOR MENTHER		TRAC	STO REFORMED TO THE TERMINATION	02.4	5 2	SPANOS SPANOS SPANOS SPANOS	28
C 4 S 1	NUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SISMA-T	OYNOPTH	SND VEL	DX4 G	P)4	101 P	N32	403	51)3	Pi	
			STn	00000	05.14	32.56	25.75	00.000	1469.3								
		23.4	085	00000	05.14	32,565	25.75		1468.3								
			510 085	00010	02.27	32.63 32.630	26.08 26.08	00.021	1456+4								
			085	00018	01 - 74	32.750	25.21		1456.4								
			510	00020	01.67	32.78	26.24	00.040	1454.1								
			085	00020	01.67	32-780	26.24		1454.1								
			DRS STD	00025	01.52 01.67	32.785	26.26	00 051	1453.5								
			085	00040	01.97	32.97 33.300	26.64 26.64	00.057	1454.5								
			STO	00050	03.81	33.55	26.68	00.087	1464.9								
			085	00050	03.81	33.555	26.68		1464.9								
			085	00052	03-64	33.605	26.74		1464.3								
			185 510	00070	02.79	33.590 33.61	26.80 26.83	00.119	1460.9								
			085	00090	01.74	33.670	26.95	00.117	1456.8								
			085	00095	01.38	33 - 725	21.02		1455.3								
			012	00100	01.64	33.86	27.11	00.147	1456.8								
			085 STD	00100	01-64	33.R60 33.90	27-11 27-22	00.170	1456.4								
			085	00125	00.41	33.900	27.22	00.170	1451.7								
			085	00140	04.94	34.475	27.29		1472 -4								
			510	00150	04.82	34.49	27.31	30.190	1472.1								
			085	00150	04.82	34.490	27.31		1472-1								
			085 510	00170 00200	05.41 05.97	34.570 34.67	27.31 27.32	00.230	1474.9								
			085	00200	05.97	34.670	27.32	00.230	1477.8								
			085	00210	05.92	34.675	27.33		1477.8								
			085	00222	05-62	34 - 620	27.32		1476.7								
			085 085	00240 00247	05.30 05.30	34-650 34-685	27.38 27.41		1475.7								
			510	00250	05.48	34.70	27.40	00.268	1476.7								
			0.05	00278	05.75	34.780	27.43		1478.3								
			D85 STD	00280	05.67	34.780	27.44		1478.1								
			085	00300	05.72 05.72	34.90 34.900	27.53 27.53	00-301	1478.8								
			085	00302	05.80	34.710	27.53		1479.1								
			DAS	00310	05.72	34.900	27.53		1478.9								
			085	00330	05.47	34.850	27.52		1478 -2								
			085 085	00370 00380	05+62 05-42	34.915 34.945	27.55 27.60		1479.5								
			510	00400	05.41	34.95	27.61	00.358	1479.2								
			OBS	00400	05.41	34.955	27.61		1479.2								
			510	005 00	05.27	35.02	27.68	00.409	1480.4								
			085	00500 00550	05.27 04.49	35.025 34.930	27.68 27.70		1480.4								
			510	00600	04.89	35.00	27.71	00.456	1480.5								
			085	00600	04.89	35.000	27.71		1480.5								
			085	00610	04 - 94	35.045	27.74		1480.9								
			5 T D ) 8 S	00700 00700	04.47	35.00 35.000	27.76 27.76	00.501	1480-4								
			sto	00800	04.10	34.95	27.76	00.544	1480 -4								
			085	00800	04.10	34.950	27.76		1480.4								
			510	00900	04.05	34.94	27.76	00.587	1481.9								
			08 S STD	00900	04.05 04.07	34.945 34.96	27.76	00 430	1481.9								
			085	01000	04.07	34.960	27.77 27.77	00.630	1483.6								
			510	01100	04.09	34.97	27.77	00.674	1485.4								
			085	01100	04.09	34.970	27.77		1485.4								
			510	01200	04 - 01	34.96	27.78	00.719	1486.7								
			085 510	01200	04 - 01 03 - 84	34.965 34.94	27.78 27.78	00.763	1486.7								
			085	01300	03.84	34.940	27.78		1487.7								
			STO	01400	03.87	34.95	27.78	00.409	1489.5								
			085	01490	03.89	34.960	27.79		1491.1								

Table XIII.--Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

PEFID CONSEC LAT LONG	42	9296 0150 53.0N 42.0W	4041 044	1972 	80TOP 01345 SHIP EV DATA USE 1 AREA 05			OTR HO 36 SEA CL/TH		PIC-ONIN OGS-ONIN HCG-ONIN FGHT ABW	D	TRACE DURAT		00.4	5 2	N SO 130 SQUARE SQUARE ? SQUARE ?	2 8
( <b>Δ</b> 5 1	INU#	/1146	LVLTYP	DEPTH	T E M P	SAL	SIGMA-T	NYNOPTH	SNO VEL	OXY G	p 74	101 P	ND2	NO3	\$133	P-	
			510	00000	08.87	33.30	25.60	00.000	1483.6								
		3 3	185	00001	08.87	33.005	25.60	00.323	1483.6								
			510	0001)	07.74	33.09 33.090	25.83 25.83	00.323	1479.6								
			810	00027	96.04	33.11	26.08	00.043	1473.l								
			JB5	00020	16.04	33.115	26.CR	00.041	1473-1								
			5 1 0	00030	03.32	33.16 33.160	26.41 26.41	00.061	1462.0								
			085 510	00033	02 • 02	33.19	26.55	00.093	1456.7								
			าสร	00050	02.02	33.195	26.55		1456.7								
			)AS	00068	00.49	33 • 150	26.61 25.67		1450.0								
			385 510	00072 00075	00.62 00.58	33.235 33.24	26.68	00.123	1450.7								
			510	00100	00.27	33.31	25.75	501.00	1449.8								
			n85	00103	00-27	33.310	26 - 75		1449.8								
			085	00115	- 0.62 - 0.33	33.370 33.43	26.84 26.88	00-193									
			STO DBS	00125	- 0.33	33.430	26.88		1447.7								
			OB5	00129	- 0.50	33.450	26.90		1447-0								
			STO	00150	01.54	33.58	26.98 26.98	00.221	1456.9								
			08.5 (18.5	00150 00190	01.54 03.97	33.685 34.110	27.10		1468.7								
			510	00200	03.36	34.32	27.09	00.273	1466 - 1								
			URS	00200	03.36	34.020	27.09		1466.1								
			വളട 5 <b>⊺</b> ല	00231 00250	03.62 04.52	34.150 34.38	27.17 27.26	00.320									
			085	no250	04.52	34.375	27.26		1472.3								
			OBS	00260	05.00	34.440	27.25		1474.5								
			085	00300	00.90	34.050 34.13	27.31 27.37	00.359	1456.9								
			085	00300	00.97	34.135	27.37		1457.4								
			UB S	00419	01.21	34.200	27.41		1458+9								
			785	00342	03.13	34.570	27.63 27.62		1468.3								
			985 085	19100	03+63 03+79	34.770 34.770	27.65		1472.1								
			510	00400	03.79	34.78	27.66	00.419	1472 - 3								
			GHS	00401	03.79	34.785	27.66		1472.3								
			085 085	00410	03.82 04.0H	34.810	27.68 27.71		1473.9								
			785	00413	04.37	34.940	27.72		1475.6								
			OAS	00459	04.34	34.945	27-73		1475.8								
			08.5 5.1 n	00486 00500	04.83 04.85	35.015 35.02	21+13 21+13	00.464	1478.7								
			785	00500	04.85	35.020	27.73		1478.7								
			285	00530	04.85	35.015	27.73		1479 • 2								
			n R S	00570	04.37	34.950 34.95	27.73 27.73	00.50B	1477.7								
			J85 J85	00500 00500	04.35 04.35	34.955	27.73	001 3013	1478.2								
			OBS	00620	04.39	34.960	27.73		1478 - 7								
			STD	00700	04.25	34.96	21.75	00.551	1479.4								
			OBS STD	00700	04.25 04.18	34.960 34.95	21.75 21.15	00.594	1480.8								
			085	00400	04.18	34,955	27.75		1480.8								
			STO	00900	04.08	34.94	27.76	00+638	1482.0								
			785	00900 00455	04.09 04.10	34.945	27.76 27.77		1483.0								
			085 510	01000	04-34	35.00	27.78	00.682	1484.8								
			385	01000	04.34	35.005	27.78	22 724	1484.8 1486.3								
			STO	01100		34.99 34.990	21.17 21.11	00.726	1485.3								
			DPS STO	01100 01200	04.29 04.25	34.99	27.77	00.771	1487.8								
			785	01200	04.25	34.990	21.77		1487.8								
			510	01300	04.14	34.98 34.980	27 - 78	00.917	1489.0								
			08 S S T n	01300		34.96	27.78 27.78	00-863	1490.2								
			085	01403	04.01	34.965	27.78		1490-2								
			OBS	01418	03.93	34.955			1490 - 1								
			085 085	01460 01463		34.975 34.470			1491.0								
			510	01500	03.97	34.96	27.78	00.910	1491.6								
			085	01500		34.960	27.78		1491.6								
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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

PFFID 31 8236 CONSEC 0151 LAT 42 42-5N LONG 050 22-0N	MANT	197? ← 06 14 19•7	BOTOP 0164 SHIP EV DATA USE AREA 0	WET 4	HILR 10.0 HETE 1029.1		HGT PER L 5	AINO-OTR AINO-SPO WIND-FJR WEATHER	9,	TRAC DIJRA	STO REG E OTR TTON TTP II	00.4	5 2	N SQ 13 SQUARE SQUARE SQUARE	1 20
CASTNUMATEME	LVLTYP	0EP*14	TEMP	SAL	S LGMA-T	DYNDPTH	SNO VEL	JXY G	P)4	TOT P	402	NO f	\$103	PН	
	STO	00,00	05.22	32.71	25.86	00.000	1468+9								
19.7	18.5	00000	05.22	32.710	25.86		1468.9								
	510	00010	04-42	32.79	25.0L	00.021	1465.8								
	385 510	00010 00020	04.42	32.790	26.01		1465 + 9								
	1185	00050	03.42	32 63	25.9₽ ●	00.041	1461.5								
	510	00030	03.42	32.630	25.98		1461.5								
	J85	000 10	01.47	32.82 32.820	25 • 29	00.060	1453.4								
	510	00350	- 0.23	33.01	26.29 26.54	00.003	1453.4								
	08.5	00350	- 3.23	33.015	26.54	00.095	1446.3								
	STO	00075	- 1.03	33.15	23.68	00.128	1446.3								
	i185	00075	- 1.23	33,150	26.68	00.0124	1443.2								
	S T ()	00100	- 1.20	33.29	25.80	00.161	1443.0								
	)85	00100	- 1.20	33.290	25.80		1443.0								
	STD	00125	- 1.18	33.36	26.85	00.192	1443.6								
	OBS	90125	- 1-18	33+360	26.95		1443.6								
	510	00157	- 1.08	33-42	26.90	00.221	1444.6								
	085	00153	- L.OH	33.425	20.90		1444.6								
	185	00190	- 0.45	33.660	27.07		1448.5								
	510 085	00200	93-12	34.07	27-15	00.273									
	085	00235	03.12	34.070	27.15		1465.1								
	095	00241	35.26	34.550 34.350	27.18		1479.6								
	\$10	00250	05.57	34.49	27.15 * 27.22	00 310	1475.2								
	DBS	00257	05.57	34.490	21.22	00.319	1476 - 8								
	1385	00267	03.39	34.250	27.27		1476.8								
	785	00281	05.63	34.610	27.31		1477.7								
	JR S	00299	03.87	34.350	27.30		1470.3								
	STU	00300	03.91	34.40	21.34	00.360	1470.6								
	285	00300	03.91	34.400	27.34		1470.6								
	085	00311	04.49	34.470	27.33		1473.3								
	na s	20325	03.25	34.330	27.35		1468.1								
	085	00341	04.05	34,520	27.42		1472.0								
	195 510	00365	03.32	34.440	27.43		1469.2								
	085	00400 00400	04.74	34.73	27.52	00.430	1476.2								
	TRS	00419	74.74 04.85	34.735 34.800	27.52 27.56		1476.2								
	085	30459	04.71	34.840	27.60		1477.0								
	785	00465	04.58	34.935	27.61		1477.1								
	∩8 s	00478	04.85	34.875	27.61		1478.1								
	STD	00500	04-20	34-81	27.64	00.487	1475.7								
	185	00500	04.20	34-910	27.64		14 75 . 7								
	JB S	00519	04.82	34.950	27.69		1478.6								
	CBS	nr54n	04.91	34.950	27.67		1479.5								
	STD	00 00	34.79	34.96	27.69	00.537	1480.0								
	787	00600	04.79	34.965	27.69		1480.0								
	785 510	00674	04.77	34.990	27.72		1481.2								
	085	00700	04.69	34.98	21.72	00.584	1481.3								
	ORS	00721	04.69 04.53	34.785	27.72		1481+3								
	\$10	004 00	04.33	34.960 34.95	27.72	00 650	1480 - 9								
	785	00900	04.33	34.950	21.13	00.630	1481.4								
	510	00900	04.23	34.93	27.73	00.676	1482.6								
	280	00300	04.23	34.935	27.73	55.015	1482.6								
	08 K	00953	04.22	34.935	27.73		1483.5								
	SID	01000	94.15	34.94	27.74	00.722	1484.0								
	285	01000	04.15	34.940	27.14	- 30 - 21	1484.0								

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

CONSEC 4	0152 0152 2 41.5N 0 04.0W	YEAR MONT DAY HUUR	1 06	BOTOP 01569 SHIP EV OATA USE 1 AREA 05	AIR T MET 8 BAPO~ CLOUd	ULB 10.6 ETR 1029.8	OIR H 30 SFA CL/TR	GT PER	RIC-OPIN RC4-OPIN RC4-OPIN SAHTASH	05	TRACE		00.4	TEN SQ 5 SQUAR 2 SQUAR 1 SQUAR	E L 5 20
CASTNU	IM/T1ME	LVLTYP	DEPTH	TEMP	SAL	SISHA-T	OYNOPTH	SNO VEL	JXY G	P)4	TOT P	102	NO3	5133 P4	
		\$10	00000	05.57	32 - 79	25.8B	00.000	1470.4							
	21.9	085	00000	05.57	32.790	25.88		1470.4							
	21.7	STD	00010	05.23	32.71	25 • 86	00.021	1469.1							
		าคร	00010	05.23	32.710	25.86		1469-1							
		STD	00029	03.67	32.71	26.02	00-042	1462.7							
		OBS	00020	03.67	32.710	26.02		1462 - 7							
		STO	00730	01.50	32.91	26.36	00.061	1453.7							
		OBS	00030	01.50	32.910	26.36		1453.7							
		510	00050	- 1.19	32.97	26.54	00.092	1441 -8							
		085	00050	- 1.19	32.970	26.54		1441.R							
		OBS	00060	- 1.24	33.150	26.6B		1441.9							
		28 S	00062	- 1.21	33.160	26.69		1442.1							
		OBS	00070	- 1.25	33.190	26.72		1442.1							
		510	00075	- 1.21	33.24	26.76	00.127	1442.5							
		OBS	00075	- 1.21	33.245	26.76		1442.5							
		510	00100	- 1.29	33.30	26.B1	00.159	1442.6							
		085	00100	- 1.29	33,300	26.B1		1442.6							
		510	00125	- 1.20	33.39	26.87	00.189	1443.5							
		085	00125	~ 1.20	33 - 3 R 5	26.R7		1443.5							
		510	00150	- 1.05	33.44	26.91	00.218	1444.7							
		OBS	00150	- 1.05	33-440	26.91		1444.7							
		510	00500	- 0.77	33.54	26.99	00.274	1447.0							
		085	00200	- 0.17	33.545	26.99	00 720	1447.0							
		510	00250	02.09	33.70	26.94 *	00.329	1461.0							
		nas ans	00279	03.67	34.030	27.07		1468.7							
		085 510	00288	04.15	34.170 34.03	27.13 27.21	00.379	1462 - 0							
		085	00300	02.04 02.04	34.030	27.21	00+314	1462.0							
			00300			27.22		1455 • 3							
		085	00325	00.49	33.910 33.970	27.27		1455 - 2							
		085 085	00323	00.44	33.995	27.2B		1456 • 3							
		085	00356	00.66	34.130	27.39		1457.0							
		510	00400	01.72	34.27	27.43	00.455	1462.6							
		08.5	00400	01.72	34.270	27.43	00.473	1462.6							
		085	00407	01.78	34.260	27.42		1463.0							
		08.5	00420	01.62	34.300	27.46		1462.6							
		510	00500	03.59	34.75	27.65	00.514	1473.0							
		085	00500	03.59	34.755	27.65		1473.0							
		510	00600	03.90	31.84	27.69	00.562	1476 .1							
		085	00600	03.90	34.840	27.69		1476 - 1							
		510	00700	04.06	34.88	27.70	00.609	1478.5							
		085	00700	04.06	34.875	27.70		1478 . 5							
		510	00800	04-10	34.91	27.73	00.656	1480.4							
		085	00800	04.10	34.910	27.73		1480 -4							
		510	00400	04.10	34.91	27.73	00.702	1482.0							
		OBS	00900	04 - 10	34.910	27.73		1482.0							
		SID	01000	04.10	34.92	27.73	00.749	1483.7							
		085	01000	04.10	34.920	27.73		1483.7							

REF1D 31 8296 CONSEC 0153 LAT 42 33-5V LONG 050 06.5W	MONT	1972 + 05 14 23.7	9070p 02249 SHIP FV DATA USL I ABEA 05				GT PEB 1 2	WIND-OIR WIND-SPO WINO-FOR WEGTHER	0.	TR 4C E		CR OF R 00.3	5	N 50 13 SOU4BE SOUABE SOUARE	1 20
CASTNUM/TIME	LALIAb	ОЕРТЧ	TEMP	SAL	51G4A-T	DYNOPTH	SNO VEL	3 X Y G	ρ 34	TOT P	402	NO3	5133	P 4	
	STO	00000	15.79	32.72	25.80	00.000	1471.2								
23.7	08.5	00000	05.79	32.720	25.80	00.000	1471.2								
• • •	510	00010	04.79	32.70	25.90	00.022	1467.2								
	ORS	00010	04.78	32.700	25.90		1467.2								
	510	00020	01.12	32.57	26.11	00.042	1451.3								
	0.65	00020	01.12	32.570	25.11		1451 - 3								
	510	00030	- 0.23	32.90	26.45	00.059	1445.8								
	785	00030	- 0.23	32.900	26.45		1445.8								
	510	00050	- 1.16	33 - 15	26.68	00.089	1442.2								
	2.80	00050	- 1.16	13.150	86.68		1442 - 2								
	510	00075	- 1.20	33+31	26 • 82	00.121	1442.6								
	2.80	00075	- 1.20	33.315	26.82		1442.6								
	SID	00100	- 1.11	33.38	26.87	00.152	1443.5								
	085 STD	00100 00125	- 1.11	33.380	26.97 26.90	00.181	1443.5								
	785	00125	- 1.05 - 1.05	33.430	25.90	00.141	1444.3								
	STO	00150	- 0.85	33.50	26.96	00.209	1445.8								
	185	00150	- 0.85	33.505	26.96	00.20	1445.9								
	510	00200	- 0.58	33.60	27.03	00.262	1448.0								
	08.5	00200	- 0.59	33.605	27.03		1443.0								
	STO	00250	- 0.15	33.78	27.15	00.311	1451.0								
	78 S	00250	- 0.15	33.780	27.15		1451.0								
	985	00274	00.05	33.950	27.20		1452.4								
	510	00309	03.67	34.37	27.34	00.353	1469.5								
	08.5	00300	03.67	34.370	27.34		1469.5								
	<b>185</b>	00311	04.47	34.470	27.34		1473.2								
	18 S	00340	01.06	34.100	27.34		1458.5								
	78 S	00368	01.21	14.150	27.37		1457.7								
	510	00400	01.65	34.25	27.42	00-426	1462.3								
	095	00400	01.65	34.250	27.42		1462 - 3								
	085	00415	01.74 01.50	34.270 34.275	27.43		1463.0 1462.1								
	JAS	00470	02.67	34.450	27.50		1468.2								
	510	00500	14.96	34.90	27.62	00.487	1479.0								
	วธร	00500	04.96	34.900	27.62	00.407	479.0								
	CBS	00520	05.28	34.985	27.65		1480.7								
	กอร	005 70	05.09	34.980	27.67		1480.7								
	DB 5	00575	05.15	35.000	27.68		1481 -1								
	510	00500	05.01	34.99	27.69	00.538	1480.9								
	285	00600	05.01	34.990	27.69		1480.9								
	510	00700	04.69	34.97	27.71	00.586	1481.2								
	) A S	00700	04.69	34.970	27.71		1481.2								
	nes	00753	04.44	34.955	27.72		1491 -1								
	510	00800	04.44	34.96	27.73	00.633	1481 - 9								
	085	00800	24-44	34.965	27.13		1481.9								
	085	00828	04-26	34-970	27.16		1481.6								
	085	00860	04.26	34.975	27.76		1482.1								
	085 510	00963	04.33	34.965 34.96	27.74 27.74	00.679	1483.1								
	095	00900 00900	04.34 24.34	34.965	27.74	30.017	1483.1								
	510	01000	04.22	34.96	27.75	00.724	1484.3								
	085	01000	04.22	34.960	27.75		1484.3								
	085	01050	04-17	34.755	27.75		1484.9								
	,	310 70	04017	,,,,,,											

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 CONSEC 0154 LAT 42 32-04 LONG 050 12 W	MONT	1972 H 06 15 02.1	BUTDP 02118 SHIP EV DATA USE 1 APEA 05				GT PER 1 2	#140-016 #140-260 #140-28 #140-28		TRAC OURA	510 REC E 018 Tion - 111 111	07.3	5 2	N SQ 1307 SQUARE 1 SQUARE 20 SQUARE 20
CASTNUMZTIME	LVLTYP	DEPTH	TEMP	SAL	S1SM4-T	OYNOPTH	SNO VEL	3×4 G	P ) 4	TOT P	NO2	NO3	5133	P 4
	STD	00000	06.06	32 • 73	25.78	00.000	1472.3							
02.0	09 S S T D	00010	06.05 04.07	32.730 32.77	25.78 25.03	00.021	1472.3							
	085	00010	04.07	32.775	26.03	001021	1464.3							
	DRS STO	00015	02.72 02.52	32.770 32.82	26.15 26.21	00.040	1451.6							
	085	00020	02.52	32.R20	26.21		1457.9							
	5 F O 0 B S	000 30	01.22 01.22	32.71 32.715	26.22 26.22	00.058	1452.2							
	510	00050	00.27	32.97	26.40	00.093	1448.4							
	085 085	00050 00060	00.27 - 0.88	32.970 33.130	26.40 26.66		1449.4							
	085 085	00164 00072	- 1.13 - 1.13	33.155 33.230	26,68 26.75		1442.5 1442.8							
	510	00075	- 1.20	33.21	26.73	00.130	1442 • 5							
	085 085	00075 00085	- 1.20 - 1.61	33.210 33.270	26 <b>.1</b> 3 26 <b>.7</b> 9		1442.5							
	ORS	00097	- 0.85	33.440	26.91		1444.8							
	510 285	00 100	- 0.92 - 0.92	33.46 33.465	26.93 26.93	00.160	1444.6							
	085	00102	- 0.86	33.465	26.93		1444.9							
	085 STD	001.08 001.25	- 1.15 00-22	33.490 33.82	26.96 27.16	00.186	1443.6							
	085	00125	00.22	33.820	27.16		1450 - 7							
	510 085	00150	04+30 04-30	34.20 34.205	27.14	00.209	1469.5							
	OBS STD	00160	04.31 07.09	34 • 200 34 • 75	27.14 27.23	00.255	1469.7 1482.4							
	085	00200	07.09	34.750	27.23	00.233	1482.4							
	785 085	00209 00220	07.09 06.79	34.750 34.710	27.23 27.24		1482.5							
	785	00230	06.83	34.750	27.27		1481.8							
	510 085	00250 00250	05.73 05.73	34.58 34.580	27.28 27.28	00.298	1477.5							
	വരട	00265	03.24	34.250	27.29		1467.0							
	985 STD	00290	03•45 03•49	34.365 34.38	27.36 27.37	00.337	1468.4 1468.9							
	085	00300	03.49	34.380	21.37		1469.8							
	085 085	00325	03.55 01.59	34.390 34.220	27.37 27.40		1469.3							
	085 085	00340	01.22	34.190	27.40		1459.3							
	DBS	003H0	01.22 02.06	34.230 34.470	27.43 27.56		1459.5 1464.1							
	STO DBS	00400	02.12 02.12	34.47 34.470	27.56 27.56	00.402	1464 • 7							
	085	00410	02.54	34.580	27.6 L		1466.8							
	085 085	00440 00450	03.05 03.71	34.680	27.60 27.58		1469.5							
	095	00455	03.87	34.080	27.57		1473.4							
	085 085	0046 <i>7</i> 00490	03.16 03.89	34.590 34.750	27.64 27.62		1470.5							
	STD OBS	005 00 005 00	04.52 04.52	34.89 34.890	27.66 27.66	00.454	1477.1							
	085	005 05	04.52	34.850	27.63 *		1477.1 1477-1							
	085 085	00520 00542	04.57 04.39	34.910	21.67 27.66		1477.7							
	ORS	00548	04.30	34.930	27.64		1476.9							
	085 085	00559 00565	04.30	34.865 34.885	27.67 27.67		1477.1							
	DBS	005 70	04.24	34 - 830	27-65		1477.0							
	085 085	00582 00589		34.855 34.870	27.67 27.68		1477.0							
	510 085	00600 00600	04.02	34.85	27.69	00.503	1476.6							
	085	00610	04.05	34.850 34.850	21.69 21.68		1476.6							
	085 985	00640 00650		34.905 34.865	27.69 27.69		1478.8 1477.9							
	08.5	00660	04.17	34.900	27.71		1478.3							
	OBS OBS	00670		34.900 34.970	27.71 27.74		1478.4							
	510	00700	04.35	34.94	27.72	00.549	1479.8							
	08.S	00700		34.940 34.930	21.72 21.71		1479.8							
	ARS.	00715	04-21	34.895	27.70		1479.4							
	∩8.5 ⊓8.5	00740		34.950 34.925	21.13 21.12		1480.6 1480.4							
	OBS	00778	04.32	34.920	27.71	0.1.605	1480.9							
	STD 085	00800	04.23	34.94 34.945	27.74 27.74	00.595	1481.0							
	nBs oBs	00810	04.17	34.930 34.925	27.73 21.13		1480.9							
	085	00950	04.15	34.930	27.74		1481.3 1481.4							
	10.5 (18.5	14800 14800	04.17 04-22	34.940 34.950	27.74 27.74		1482+1 14 <sup>8</sup> 2-4							
	510	00300	04.22	34.75	27.74	00.64)	1482.5							
	085 085	00900		34.950 34.960	27•74 27•75		1482.6							
	STO 08\$	01000	04.11	34.95 34.950	27.76	00.585	1483.8							
	085	01050		34.945	27.76		1483-8							

Table XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31 8296,—Continued

REF10 31 8296 COMSEC 0155 LAT 42 52 N LONG 048 36 P	9 4047 0 44	1977 H 06 16 00.9	BUTOP 03036 SHIP FV OATA USE 1 ARFA 05				GT PER O X	#140~21# #140~5P0 #140~F3# #841#8#	09	TA OU	AC E R A T	STD R OSR [ON TIP 1		RDER 0 07.2	5 2	N SO SOUAR SQUAR SOUAR	F 28
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNDPIH	SND VEL	OXY G	P )4	101	ρ	407	•	103	5133	PH	
	STD	00000	11.78	33,44	25.44	00.000	1494.7										
00.9	nas_	00001	11.79	33.440	25.44		1494.7										
	510	00110	09.98	33.81	26.05	00.023	1489.0										
	(185	00010	04.98 01.98	33.910	26.05	00.040	1489.0 1455.9										
	510 185	00020 00020	01.98	33.110	26.48 26.48	00.040	1455.9										
	Sto	00023	03.89	33.39	26.54	00.056	1464 - 7										
	510	00050	05.19	33.97	26.86	00.083	1471.2										
	.185	00050	05.18	33.970	26.86		1471 + 2										
	<b>195</b>	00060	04.56	34.260	27.16		1469.2										
	510	00075	35.28	34.36	27.16	00.109	1472.6										
	JAS	00075	05.28	34.365	27.16		1472.6										
	ORS	00093 00103	05.41	34.395	27.17	00.132	1473.4										
	510 385	00100	05.28 05.28	34.37	27 <b>.17</b> 27 <b>.17</b>	00.132	1473.0										
	785	00120	05.58	34.440	27.18		1474.6										
	STO	00125	05.13	34.46	27.25	00.154	1472.9										
	URS	00125	05.13	34.460	27.25		1472.9										
	385	00130	05.38	34.480	27.24		1474.0										
	5 T D	00150	04.78	34.44	27.28	00-175	1471.8										
	785	00150	04.78	34.440	27.28		1471 - 8										
	ORS	00165	05.00	34.520	27.32		1473.1										
	085	00175	04 - 72	34.490	27.32	00 314	1472.1										
	5 T D () B S	00200	05.41	34.66 34.660	27.38 27.38	00.214	1475.5										
	38 S	00207	05.41	34.685	27.40		1475.7										
	CRS	00211	05.86	34.780	27.42		1477.7										
	UBS	00550	06.11	34.870	27.46		1479.0										
	JAS	00230	36.11	34.845	27.44		1479.1										
	510	00253	05.75	34.79	27.44	00.249	1477.9										
	280	00250	05.75	34.790	27.44		1477.9										
	012	00300	05.51	34.88	27.54	00.281	1477.5										
	UBS UBS	00300	05.51 05.42	34.990	27.54 21.56		1477.9										
	08.5	00311	05.42	34.920	27.58		1477.9										
	OBS	00328	95.46	34.230	27.59		1478.2										
	oes	00 350	05.15	34.910	21.61		1477.3										
	510	00400	05.10	34.96	27.65	00.336	1478.0										
	085	00400	05.10	34.460	27.65		1478.0										
	285	00410	05.10	34.970	27.66		1478.1										
	085	00440	05.01	34.990	27.69	00 304	1478.3										
	\$10 UBS	00500 00500	04.78 04.78	34.48 34.980	21.71 27.71	00.384	1478.3										
	085	00530	04.73	34.975	27.71		1478.6										
	085	00590	04.51	34.965	27.72		1478.7										
	STD	00500	04.51	34.7R	27.74	00.428	1478.9										
	2AC	00500	04.51	34.980	21.14		1478.9										
	OBS	00606	04.48	34.960	27.72		1478 - 8										
	nas	00632	04.48	34.975	21.74 21.74		1479.3										
	DBS UBS	0055) 00668	04.52 04.52	34.990 34.990	27.74		1480.0										
	STO	00700	04.29	34.95	27.74	00.472	1479.6										
	085	00700	04.29	34.950	27.74		1479.6										
	TRS	00743	04.29	34.965	27.75		1480.3										
	ORS	00750	04.21	34.750	27.75		1480.1										
	510	00800	04.19	34.76	27.76	00.516	1483.8										
	OBS	00800	04.19	34.960	27-76		1480.8										
	085 \$10	00890 00900	03.99 03.99	34.935 34.93	21.76 27.76	00-559	1481.5										
	0 R S	00900	)3.9H	34.935	27.76	30-33-	1481.6										
	n#5	00905	03.98	34.935	27.76		1481.7										
	085	00927	03.91	34.925	27.76		1481 +6										
	STD	01000	03.87	34.92	27.76	00.603	1482 B										
	785	01000	03.97	34-920	27.76		1482.8										
	08.5	01029	03.85	34.935	27.77		1483.2										

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 34–8296.—Continued

REFID 31 829 CONSEC 015 LAT 43 03.5 LONG 048 42.0	6 MONT N DAY	1972 H 05 16 03-2	BOTOP 02483 SH1P EV OATA USE 1 AREA 05				GT PER O X	#1NO-DIR W1NO-SPO W1NO-FOR WEHT #3HT #3H		TRA:	OF O	IR	02 DER ) 01.2	5	N SQ 1 SQUARE SQUARE SQUARE	28
C45TNUM/T1ME	Ĺ∀L <sup>T</sup> γρ	OEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	OXYG	P)4	tot	P	N02	N03	\$103	Рн	
	STO	00000	04.57	32.49	25.75	00.000	1465.9									
03.2	78 S	00000	04.57	32.479	25.75		1465.9									
	STO	00010	02.48	32.56	26.01	00-021	1457.2									
	JAS_	00010	02.48	32.560	26.91		1457.2									
	STD	00029	02.07	32.86	26.28	00.040	1456 .0									
	785 510	00020	02.07	32.860	26.28	00 063	1456-0									
	085	000 30 000 30	00.23 00.23	33.01 33.015	26.52 26.52	00.057	1448 - I 1448 - I									
	085	00040	00-15	33.240	26.70		1448.2									
	085	00045	00.92	33.360	26.76		1451.9									
	510	00050	00.42	33.47	26.87	00.084	1449.9									
	285	00050	00.42	33.470	26.87		1449.9									
	UBS	00060	00.53	33 - 665	27.02		1450.8									
	286	00065	00.11	33,640	27.03		1449.0									
	STO	00075	00.39	33.75	27.10	00.111	1450.5									
	785	00075	00.38	33.750	27.10		1450.5									
	STO	00100 00100	01.68	34.12	27.31	00+133										
	08.5 38.5	00105	01.68 01.75	34.120 34.095	27.31 27.29		1457.3									
	510	00125	04.45	34.58	27.43	00 151	1470.2									
	085	00141	04.95	34.630	27.41		1472.6									
	285	00147	04.76	34-570	27.38 *		1471.9									
	STO	00150	04.93	34.66	27.44	00.167	1472.7									
	085	00150	04.93	34-660	27.44		1472.7									
	08.5	00170	04.62	34.560	27.39 *		1471.7									
	085	00175	04.95	34.745	27.50		1473.3									
	STO	00200	04.73	34.70	27.49	00.200	1472.8									
	085 085	00200 00220	04.73	34.700 34.715	27.49 27.50		1472 - 8									
	08.5	00240	04.73 05.31	34.715	27.56		1473 • 1 1476 • 1									
	510	00250	05-30	34.88	27.57	00.230	1476.2									
	085	00250	05.30	34.880	27.57		1476.2									
	285	00270	05.44	34.940	27.60		1477.2									
	510	00300	05+20	34 - 93	27.62	00.257	1476.7									
	08 S	00300	05.20	34.930	27.62		1476.7									
	OBS	00339	05.06	34.940	27.64		1476.7									
	STD 085	00400 00400	03.48	34 - 75	27.67	00.306	1470.9									
	085	00485	03.48	34.755 34.920	27.67 27.72		1470.9									
	STO	00500	04.18	34.89	27.70	00.352	1475.7									
	085	00500	04.18	34.890	27.70	004 /32	1475.7									
	085	00510	04.08	34.890	27.71		1475.5									
	rgB S	00580	04.08	34.900	21,72		1476.6									
	STO	00600	04.13	34.92	27.73	00.397										
	OB S	00600	04.13	34.920	27.73		1477 - 2									
	OBS CBS	00630 00660	04-35	34.960	27.74		1478.7									
	085	00670	04.33 04.21	34.950 34.935	27•73 27•73		1479.1									
	510	00700	04.20	34.94	27.74	00.440	1479.2									
	085	00700	04.20	34.945	27.74	00.440	1479.2									
	OBS	00710	04.26	34.960	27.75		1479.6									
	510	00800	04.25	34.95	27.74	00.484	1481.1									
	085	00800	04.25	34.950	27.74		1481.1									
	STO	00900	04.15	34.95	27.75	00.529	1482 -3									
	on s	00900	04-15	34.950	27.75		1482.3									
	510	01000	04.02	34.93	27.75	00.573	1483 - 4									
	OBS OBS	01000 01033	04-02	34.935	27.75		1483.4									
	903	01033	03.98	34+935	27.76		1483.8									
					*****	••••••	•									

REFIO 31 8296 CONSEC 0157 LAY 43 15.5N LONG 049 23.5M	MONTH		8010P 00836 SHIP EV DATA USE 1 AREA 05			OLVIR OO OIR H	GY PER O X	ATNO-OTR MIND-SPD MIND-FOR MERTHER	01	TR AC	STO RECEOIR TION TIP 111	00.2	5 S 2 S	SD 1306 OUARF 2 OUARE 28 OUARE 39
CASTNUM/TIME	LVLTYP	ОЕртн	TEMP	SAL	SIGMA-T	DYNOPTH	SND VEL	OX4 G	P34	TDT P	405	103	5133	PI
07.4	S10 085	00000	05.15 05.15	32.65 32.650	25.82 25.82	00.300	1468.5							
04	012 085	00010	01.98	32.61	26.08	00.021	1455.1							
	510	00020	- 0.67	32.610	26.08 26.30	00.039	1443.3							
	085 510	00020	- 0-67 - 1.09	32.700 33.03	26.30 26.58	00.055	1443.3							
	DB S 08 S	000 30 000 40	- 1.09 - 1.56	33.030 33.120	26.58 26.67		1442.0 1440.1							
	510 085	00050 00050	- 1.55 - 1.55	33.27 33.270	26.19 26.19	00.082	1440.5							
	08 S	00060	- 1.51 - 1.57	33.270 33.275	26.79 26.79		1440.8							
	51D D85	00075	- 1.50 - 1.50	33.32 33.320	26.83 26.83	00-113								
	S T D 08 S	00100	- 1.25 - 1.25	33.41 33.410	26.89 26.89	00-143	1442 - 9							
	S T D D85	00125 00125	- 0.17 - 0.17	33.51 33.515	26.96 26.96	00.171	1445.7							
	STD D8S	00150	- 0.39 - 0.39	33.63	27.04	00-198	1449.1							
	SID	002 00	00.13	33.80	27.04 27.15	00.247	1448.1							
	DBS DBS	00200	00.13	33.800 33.860	27.15 27.19		1451.5							
	S T O D B S	00250 00250	00.55 00.55	33.96 33.965	27.26 27.26	00.290	1454.5							
	510 985	00300	00.74	34-07 34-070	21.34 27.34	00.329	1456.3							
	08S	00312	01.64 01.33	34 • 130 34 • 190	27.32 27.39		1460.6							
	085 STO	00360 00400	02.37 03.01	34.490 34.56	27.56 27.56	00.395	1465.1							
	D85	00400 00425	03.01	34.560 34.630	27-56		1468.6							
	S T O	00479	03.31	34.685 34.72	27.63	00.449	1471.4							
	08S D85	005 00 005 79	03.45 03.89	34.725 34.850	27.64		1472.4							
	S10 085	00600	03-90 03-90	34.84 34.840	27.69 27.69	00.497	1476.1 1476.1							
	085 SED	00615	03.90 04-01	34.845	27.69	00.543	1476 .4							
	D85	00700	04.01	34.88	27.71		1478.3							
	085 085	00R00 00800	04.05 04.05	34.89 34.895	21.72	00.590	1480.L 1480.1							
	088	00810	04.05	34.900	27.72	•••••	1480.3							
							-							
REF10 31 8296	YEAR		8010P 00240	AIR 1		01R H		MIND-DIR			STO REC			\$3   306
CONSEC 015R LAT 43 18-5N LONG 049 28-5W	MONTH OAY HOUR	16	SHIP EV OATA USE L AREA OS	#ET 6 8ARDI CL DUI	IETR 1028.4	SEA CL/TR	3 2	# [ND-SPD WIND-FOR #EATHER		TR AC DURA OR EG		00.1	2 S	QUARE 28 QUARE 39
CASTNUM/TIME	LVLTYR	OFPTH	TEMP	SAL	SIGNA-T	HTGCMYO	SND VEL	DXYG	P)4	TOT P	NOZ	NO3	\$133	PH
04.4	STD UBS	00000	04.32	32.63 32.625	25.89 25.89	00-000	1465.0							
04.4	5 T D 78 S	00010	04.32	32.62	25.98	00.021	1461 • 2							
	STD	00010	03+3R 02-47	32.620	25.98 26.13	00.040	1457.3							
	085 510	00022	02.42	32.705 32.66	26.13	00.059	1457.3							
	ORS STD	00030	- 0.22 - 1.05	32.660 32.93	26.25 26.50	00.092	1445.5							
	ORS SID	00050	- 1.05 - 1.47	32.930 33.05	26.50 26.61	00.129	1442.4							
	385 085	00075 00085	- 1.47 - 1.56	33.055 33.125	26.61 26.67		1441.0							
	STD OBS	00100 00 00	- 1-58 - 1-59	33.22 33.225	26.75 26.75	00.163	1441-1							
	7#5 \$10	001 08 001 25	- 1.59 - 1.37	33.245 33.32	25.77 25.82	00.195								
	OBS STD	00125	- 1.37 - 1.19	33.320 33.36	26.R2 26.M5	00.225	1442.6							
	085 085	00150	- 1.19 - 1.14	33,360	26.85 26.48		1444.0							
	085 510	00170	00.08	33.710	27.08 27.15	00.278	1451 -0 1451 - 7							
	URS JRS	00217	00.1R 00.39	33.795 33.900	27.15		1451 • 7							
	DAS	0023A	00.49	33.925	27.23		1454.0							
					• • • • • •	• • • • • • • •	1							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

gEFID 31 8296	YEAR	1972	3010P 0007				GT PER	#140-01R					OR OE R		E 4 52 1	
CONSEC 0159	MONTH	40	SHIP EV	WET	3ULB 09.4	10	0 2	W[40-SP0	05		.E 01		າ		SOUARE	
LAT 43 20.0N	DAY	16	DATA USE	1 BARO	4ETR 1029-4	SEA		WIND-FOR		UilbY					SQUARE	
LONG 049 34.0W	H∩DR	10.1	AREA O	IS CLOU	) T/A	CL/TR		#EATHE?	×I	09 [ 0	111	111	l	1	SOUARE	39
CASTNUMZTIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	OXYG	P)4	TOT F	, ,	102	NO3	\$133	рН	
	STO	00000	06.80	32.81	25.74	00.000	1475 -4									
10.1	785	00000	06.80	32.810	25.74		1475.4									
	J8 S	30002	07.60	32.990	25.70 *		1478.7									
	385	00005	06.94	32.680	25.62 *		1475.9									
	510	00010	06.85	32.81	25.74	00.023	1475.7									
	085	00010	76.85	32.910	25.74		1475.7									
	085	00017	05.53	32.760	25.86		1470.5									
	STD	00020	04.35	32.68	25.93	00.044	1465.5									
	nB.S	10020	04.35	32.685	25.93		1465.5									
	38 S	00025	02.33	32.580	26.03		1450.8									
	STO	00030	01.40	32.78	26.26	00.064	1453.0									
	u8s	00030	01.40	32.780	26.26		1453.0									
	OBS	00035	00.79	32.955	26.44		1450.6									
	OBS	00040	00.03	32.900	26.43		1447-2									
	ORS	00045	- 0.05	32.990	26.51		1447.0									
	STD	00050	- 0.24	33.09	26.60	00.096	1446 - 4									
	as	00053	- 0.33	33 • 1 4 0	26.64		1445.1									
	STD	00075	- 0.52	33.20	26.70	00.131	1445 .6									
	785	00075	- 0.52	33.200	26.70		1445.6									

REFID 31 8296 CONSEC 0160 LAT 43 22-5N LONG 049 39.0W	MONTH 06	BOTOP 00060 SHIP EV OATA USE I APEA 05	WET BUL BAROMET	B 10.0 R 1028.8		GT PER D X	WIND-DIR WIND-SPO WIND-FJP WEATHER	0.5	TRACE		D	TEN SQ 1300 5 SQUARE ( 2 SQJAGE 21 1 SQUARE 30	2 B
CASTNUM/TIME	LVLTYP DEPT	H TEMP	SAL 5	SIGMA-T	DYNOPTH	SNO VEL	⊙ <b>x</b> ¥ G	P 34	TOT P	102	NO 3	5133 P4	
	STO 0200	0 10.51	32.75	25.13	00.000	1489 • 4							
10.8	085 0000	0 10-51	32.750	25,13		1489 -4							
	510 0001	08.48	32.74	25.45	00.027	1487.0							
	0001	0 08.48	32.740	25.45		1482.0							
	510 0002	0 02-25	32.66	26.10	00.749	1456.5							
	085 0002	0 02.25	32.660	25.10		1456.5							
	510 0003	0 01.73	32.90	26.34	00.067	1454.7							
	085 0003	0 01.73	32.905	26.34		1454.7							
	STO 0005	0 01.14	32.96	26.42	00.100	1452.5							
	085 0005	0 01.14	32.960	26.42		1452.5							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296. Continued

REF1D 31 9296 CURSEC 0161 141 44 86.5N LUNG 048 57.0W	YEAR MOUN YAO HOUN	16	BOTOP 00183 SHIP EV DATA DSE 1 AREA 05	EFUN)	ULB 10.6 ETR 1027.1	DER HI E2 ( SFA CL/TR		#140-918 #140-5P0 #140-F3R #1#1#3		3 JA RT TA RUO		00 - 1	5 2	FN SQ 13 BRAUQZ BRAUQZ BRAUQZ BRAUQZ	2 48
CASTNUMZETH	LVLTYP	ОЕртн	TEMP	SAL	SIGMA-T	DYNDPTH	SNO VEL	DYY6	P 14	101 P	NO2	NO3 5	5133	PH	
19.0	STD ORS STD	00000 001000 00013 00013 00013 00030 00030 00030 00070 00075 00045 00100 00125 00135 00145 00150 00161	06.05 06.05 03.54 02.98 02.38 01.54 01.54 - 0.81 - 1.74 - 1.74 - 1.74 - 1.55 - 1.55 - 1.55 - 1.17 - 1.10 - 0.90	32, /1 32, 713 32, 714 32, 760 32, 16 32, 16 32, 16 32, 16 32, 16 33, 175 33, 215 33, 215 33, 38 33, 38 33, 38 33, 38 33, 46 33, 46 33, 46 33, 46 33, 46	25.77 25.77 25.73 25.73 25.75 25.75 26.75 26.75 26.75 26.81 26.81 26.83 26.88 26.92 26.92 26.92 26.93 26.93 26.93 26.93	00.000 00.023 00.045 00.068 00.107 00.143 00.174 00.203	1472.3 1472.3 1472.3 1461.5 1459.0 1456.4 1452.8 1452.8 1443.3 1439.9 1440.5 1441.5 1441.5 1441.5 1442.5 1443.8 1443.8 1443.8 1443.8 1444.5 1444.5								
REFTD 31 8296 COMSEC 3162 LAT 44 34-5N LING 049 50.0#	¥∩NT: DAY	1972 05 16 19•7	B <sup>()</sup> 10 <sup>P</sup> 01062 SH1P EV DATA USE 1 AREA 05	AIR 1 WET 8 BARDY CLOU!	ULB 10.6 ETR 1027.0		GT PER	WIND-OIR WIND-SPE WIND-FOR WEATHER	90	TRAC	SID REC E 018 TION TIP 111	02.2	2	EN SO 1 SQUARE SQUARE SQUARE SQUARE	2 48
CASTNUM/TEME	LVLTYP	DEР <b>1</b> н	TEMP	5 AL	SIGMA-1	OYNOPTH	SNO VEL	JXYG	P ] 4	101 P	102	NO3	\$133	S P4	
18.7	\$10 J85 \$10 OBS \$10 OB	00000 00000 00000 00000 00000 00000 0000	05.61 05.61 05.61 07.14 00.98 00.98 00.98 -1.20 -1.04 -1.22 -1.42 -1.59 -1.24 -1.12 -1.22	32.61 32.61 32.37 32.36 32.36 32.51 32.640 33.160 33.160 33.360 33.360 33.35 33.325 33.45 33.59 34.05 34.05 34.05 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91 34.91	25.74 25.80 25.95 26.15 26.27 26.33 20.65 26.65 26.70 26.83 20.83 20.83 20.93 20.93 20.93 21.02 27.02 27.19 27.24 27.33 27.33 27.58 27.69 27.69 27.73 27.73 27.73 27.73 27.73 27.73 27.73	00.000 00.022 00.044 00.063 00.096 00.129 00.158 00.186 00.212 00.261 00.304 00.408 00.458 00.503 00.503 00.593 00.686	1470.3 1470.3 1470.3 1450.4 1450.4 1460.4 1440.9 1440.9 1440.9 1440.3 1441.8 1442.4 1442.4 1442.4 1443.3 1443.3 1443.1 1443.1 1443.1 1443.1 1450.6 1452.5 1455.5 1455.6 1455.6 1455.1 1457.1 1457.1 1457.1 1457.1 1457.1 1457.1 1457.1 1457.1 1457.1 1458.1 1458.1 1458.1 1458.1 1478.1 14								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFLO CONSEC LAT LONG	44	8296 0163 32.5N 39.5W	YEAR MONTH DAY Hour	05 15		20 1 15	AIR T WET 8 BAPON CLOUC	ULB 08. ETR 1026.	9		GT PER 2 2	#110-011 #10-520 #10-62 #24143	21	TRA DUR	CE	OIR	OD.	9 :	5 S	C C PROPERTY OF THE PROPERTY O	F 2
CASI	NUM/	TIME	LVLTYP	DEPTH	TEMP		SAL	SIGMA-T		HTROPEC	SNO VEL	O X Y G	P 74	101	P	NO2	NO3	\$13	3	P4	
			510	00000	03-56	3.	2 - 30	25.71		00.000	1461.4										
		20.2	085	00000	03.56		2.305	25.71			1461.4										
			OBS	00005	03.59		2.300	75-70			1461.6										
			510	00010	03.15		2.31 2.33	25.75 25.87		00.023 00.045	1459.8										
			S T O (18 S	00020 00020	01.88		2.330	25.87		00.043	1454.4										
			510	00030	00.09		2.52	25.13		00.065	1446.7										
			nB\$	000 30	00.08		2.525	26.13			1446.7										
			()BS	00035	- 0.38		2.840	26.40			1445-1										
			085	00039	- 0.25		3.090	26.60			1446 • 1										
			085	00040	- 0-64		3.070	26.60			1444.3										
			085	00046	- 0.34		3.060	26.58		00.097	1445.8										
			STO OBS	00050	- 0.92 - 0.92		3.18 3.180	26.70 26.70		00.047	1443.3										
			085	00056	- 1.03		3.275	26.78			1443.0										
			OBS	00060	- 0.90		3.320	26-81			1443.8										
			085	00065	- 1.08	3	3.280	26.78	٠		1443.0										
			5 7 0	00075	- 0.82		3.43	26.90		00.129	1444.6										
			D85	00075	- 0.82		3.430	26.90			1444 • 6										
			-)8 S 0 <b>8</b> S	00076	- 0.89 - 0.86		3.450 3.485	26.91 26.94			1444.3										
			085	00089	- 0.92		3.500	26.96			1444.4										
			510	00100	- 0.37		3.70	27.10		00.155	1447.4										
			085	00100	- 0.37		3.705	27.10			1447.4										
			STO	00125	00.31	3	3.73	27.09		00.180	1451.0										
			085	00125	00.31		3.730	27.09			1451.0										
			STD	00150	- 0.28		3.84	27.21		00.203	1448.9										
			085 510	001 50	- 0.28		3.840	27.21 27.36		00-243	1448.9 1453.2										
			n8s	00200	00.41		4.07 4.070	27.36		00-2-3	1453.2										
			085	00218	00.45		4.095	27.37			1453.7										
			510	00250	01.25		4.27	27.46		00.277	1458 -1										
			085	00250	01.25		4.270	27.46			1458.1										
			STO	00300	02.02		4.45	27.55		00.307	1462.5										
			085	00300	02.02		4-450	27.55			1462.5										
			STD	00400	03.64		4.81	27.69 27.69		00.357	1471.7										
			08S 510	00500	04.05		4.810 4.86	27.69		00.402											
			085	005 00	04.05		4.860	27.69		00.02	1475.1										
			085	00522	04.20		4.910	27.71			1476.2										
			085	00530	04.12		4.870	27.69			1475.9										
			395	00545	04.35		4.940	27.72			1477.2										
			510	00600	04.28		4.93	27.72		00.448	1477 - 8										
			ე85 085	00600	04•28 04•16		4.930	21.12 21.74			1477.8 1478.8										
			510	00690 00700	04.24		4.930	21.74		00.492	1479.4										
			085	00700	04.24		4.950	27.74		00.472	1479.4										
			085	00758	04.27		4.950	27.74			1480 -4										
			510	00800	04.17	3	4.93	27.74		00.536	1480.7										
			085	00900	04-17		4.935	27.74			1480.7										
			085	00819	04.10		4.930	27.74			1480.7										
			S TO S TO	00900	04.04		4.90	27.72		00.582	1481 -8										
			D85	01000	03.99		4.86 4.860	27.70 27.70		00.630	1483.2										
			085	01060	03.98		4.920	27.75			1484.2										
				30	-5.70	,		2													

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

CASTRUMYTHM LVITVP   DePT   TEMP   SAL   SIZMA-II   DyNORIM   SAO WEL   DAYG   P34   Int P   N32   N03   SI33   P4	CONSEC			DAY	1972 	SHTOP 03076 SHEP EV OATA USE 1 AREA 05	BAPO	TEMP 10.0 RULB 09.4 METR 1027.8 O T/4		IGT PER 2 4	HEND-DER HEND-SPO HEND-FER HEND-FER	19	TR AC	510 RE E 01R 1104 - 11P 11	00.3	5	N SO N IRAUGE PRAUGE PRAUGE	E .
22.5   n45	CASTN	U <b>u</b> /114	ŧ	L VL T YP	о€е₹н	TEMP	SAL	SIGM#~T	DYNOPTH	SNO VEL	DXY G	P )4	TOT R	NOZ	NO3	5133	P-4	
22.5   145				STO	00000	06.63	32.66	25.65	00.000	1474.4								
\$17		22.	5		00101	06.60	32.660											
\$10 03/22 03.23 32.76 24.82 00.041 1461.7    ST								25.94	00.022									
S																		
S10									00.041									
045   00130   01.87   31.240   26.59   1455.9     0550   00.64   31.40   26.85   00.084   1450.9     0550   00.64   31.40   26.85   00.084   1450.9     0550   00.65   00.64   31.40   26.85   1459.9     0550   00.65   00.73   31.40   26.85   1459.9     0550   00.65   00.73   31.40   27.75   00.110   1459.7     0550   00.65   00.73   31.40   27.75   00.110   1459.7     0550   00.85   00.73   31.40   27.75   00.110   1459.4     0550   00.10   00.96   31.11   27.35   00.129   1454.1     0550   00.11   00.96   31.10   27.45   1454.1     0550   00.11   00.96   31.10   27.45   1454.1     0550   00.11   00.96   31.10   27.45   1454.1     0550   00.11   00.11   33.240   27.45   00.141   1451.7     0550   00.150   02.40   34.40   27.15   00.161   1461.7     0550   00.150   02.40   34.40   27.51   1461.7     0550   00.170   03.45   34.60   27.55   1466.8     0550   00.770   03.28   33.460   27.55   1466.8     0550   00.770   03.15   34.50   27.55   1466.8     0550   00.770   03.15   34.50   27.55   1466.0     0550   00.750   03.18   34.77   27.65   00.189   1466.0     0550   00.00   03.18   34.77   27.65   00.215   1469.7     0550   00.00   03.18   33.77   27.65   00.215   1469.7     0550   00.00   04.60   33.900   27.60   00.238   1474.2     0550   00.00   04.60   33.900   27.60   00.238   1474.2     0550   00.00   04.60   33.900   27.60   00.238   1474.2     0550   00.00   04.60   33.900   27.70   1474.1     0550   00.00   04.23   33.490   27.70   1474.1     0550   00.00   04.23   33.490   27.70   1474.1     0550   00.00   04.23   33.490   27.70   1474.1     0550   00.00   04.23   34.900   27.71   1474.1     0550   00.00   04.23   34.900   27.71   1474.1     0550   00.00   04.23   34.900   27.71   1474.1     0550   00.00   04.23   34.900   27.71   1474.1     0550   00.00   04.23   34.900   27.71   1474.1     0550   00.00   04.23   34.900   27.71   1474.1     0550   00.00   04.00   34.90   27.71   1474.1     0550   00.00   04.00   34.90   27.71   1474.1     0550   00.00   04.00   34.90   27.71   1474.1     0550   00.00									00 067									
\$10 00150 00.64 31.40 20.85 1450.9  185 00063 00.64 31.40 20.85 1459.9  185 00063 00.42 31.815 72.17 1450.7  \$10 00015 00.71 31.810 72.5 00.110 1857.4  \$10 00015 00.71 31.810 72.5 00.110 1857.4  \$10 00015 00.71 31.810 72.5 00.110 1857.4  \$10 00015 00.71 31.810 72.5 00.110 1857.4  \$10 00015 00.71 31.810 72.5 00.110 1857.4  \$10 00015 00.70 31.81 72.10 72.3 1454.1  \$10 00015 00.96 31.10 77.3 1450.1  \$10 0010 00.96 31.10 77.3 1454.1  \$10 0010 00.96 31.10 72.4 5 1455.1  \$10 0010 00.96 31.10 72.4 5 1455.1  \$10 0010 00.96 31.10 72.4 5 1455.1  \$10 0010 00.96 31.10 72.4 5 1455.1  \$10 0010 00.96 31.10 72.4 5 1455.1  \$10 0010 00.96 31.10 72.4 5 1455.1  \$10 0010 00.25 00.25 31.00 72.4 5 1455.2  \$10 0010 00.25 00.25 31.00 72.4 5 1455.2  \$10 0010 00.25 00.3 15 34.5 70 72.5 1 1455.2  \$10 00 00.20 00.15 31.5 70 72.5 1 1455.2  \$10 00 00.17 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.17 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.15 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.10 00.10 31.5 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.10 00.10 31.5 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.10 00.10 31.5 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.10 00.10 31.5 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.10 00.10 31.5 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.10 00.10 31.5 31.5 70 72.5 1 1466.1  \$10 00 00.10 00.10 00.10 00.10 31.5 70 72.5 1 1477.1  \$10 00 00 00 00.10									00.051									
Past   Double   Dou									00.084									
MS						00.64			00.00									
085 00075 00.73 33.400 27.25 1452.4  986 00089 01.17 4.100 27.23 1454.8  \$170 00100 00.96 14.11 27.15 07.129 1554.1  087 001101 01.16 34.240 27.45 1454.1  088 00111 01.16 34.240 27.45 1454.1  081 00111 01.16 34.240 27.45 1454.1  081 00111 01.16 34.240 27.45 1454.1  081 00111 01.16 34.240 27.45 1454.1  081 00115 01.26 34.240 27.45 1454.1  987 00150 01.26 34.440 27.51 1461.7  084 00150 02.40 34.440 27.51 1461.7  085 00170 03.45 34.620 27.55 1466.1  \$10 00170 03.45 34.620 27.55 1466.1  \$10 00200 03.15 34.580 27.57 1466.0  985 00170 03.15 34.580 27.57 1466.0  985 00200 03.18 34.77 27.65 00.215 1469.7  188 00250 03.78 34.777 27.65 00.215 1469.7  188 00250 03.78 34.777 27.65 00.215 1469.7  188 00250 04.75 34.940 27.66 1474.2  986 00300 04.60 34.900 27.66 1474.2  987 00300 04.60 34.900 27.66 1474.2  988 00300 04.23 34.880 27.66 1474.2  988 00450 04.23 34.890 27.70 1474.1  988 00450 04.23 34.890 27.70 1474.1  988 00450 04.23 34.890 27.70 1474.1  988 00450 04.23 34.900 27.70 1474.1  988 00450 04.23 34.900 27.71 1474.1  988 00450 04.23 34.900 27.71 1474.1  988 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.23 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.900 27.71 1474.1  989 00450 04.10 34.90				18.5	00068													
1985									00.110									
STD   O01.00   O0.96   N-11   Z7.35   O0.127   N-145																		
085 00130 00.96 34.110 27.35 1455.1 085 00111 01.10 34.240 27.45 1455.3 510 00125 01.28 34.30 27.49 0.116 1456.2 510 00150 02.49 34.44 27.51 00.161 1461.7 085 00170 03.45 34.620 27.56 1466.8 085 0177 03.45 34.502 27.55 1466.1 510 0020 03.15 34.59 27.57 00.181 1461.7 510 0020 03.15 34.59 27.57 00.181 1466.1 510 0020 03.15 34.59 27.57 1466.0 085 00270 03.15 34.60 27.49 1466.0 085 00270 03.15 34.60 27.57 1466.0 086 00270 03.15 34.60 27.57 1466.0 086 00270 03.15 34.60 27.57 1466.0 087 00270 03.15 34.60 27.57 1466.0 087 00270 03.15 34.60 27.57 1466.0 087 00270 03.18 34.715 27.65 00.215 1449.7 086 00270 03.18 34.715 27.65 00.215 1449.7 087 00270 03.18 34.90 27.66 00.216 147.2 088 0038 04.40 34.90 27.66 00.238 147.2 088 0038 04.43 34.880 27.68 147.2 088 0038 04.33 34.890 27.66 147.2 088 0038 04.33 34.890 27.66 147.2 088 0038 04.33 34.890 27.66 147.2 088 0038 04.23 34.90 27.70 147.61 088 00390 04.23 34.90 27.70 147.61 088 00390 04.23 34.90 27.70 147.61 088 00400 04.23 34.90 27.70 147.61 088 00400 04.23 34.90 27.71 147.61 088 00400 04.23 34.90 27.71 147.61 089 00400 04.23 34.90 27.77 147.61 089 00400 04.24 34.90 27.75 147.60 089 00400 04.27 34.90 27.75 147.60 089 00400 04.08 34.90 27.77 147.79 14									00									
085   00 11   01 16   34,270   27,45   1455.2     185   00 25   01 23   34,300   27,49   1456.2     185   00 25   01 23   34,300   27,49   1456.2     186   00 25   02,24   34,400   27,51   0.161   1461.7     186   00 57   03,45   34,460   27,51   1461.7     186   00 57   03,45   34,800   27,55   1466.8     187   00 250   03,13   34,980   27,55   1466.8     187   00 270   03,15   34,980   27,55   1466.8     188   00 271   02,267   34,460   27,51   1466.7     188   00 271   02,267   34,460   27,59   1466.0     188   00 271   02,267   34,460   27,59   1466.0     189   00 250   03,18   34,477   27,65   00,215   1499.7     189   00 250   03,18   34,477   27,65   00,215   1499.7     189   00 270   04,67   34,460   27,68   1474.7     189   00 270   04,67   34,460   27,68   1474.7     180   00 270   04,67   34,460   27,68   1474.7     181   00 300   04,60   33,400   27,66   1474.2     181   00 300   04,60   33,480   27,66   1474.2     181   00 300   04,60   33,480   27,66   1474.2     181   00 300   04,23   34,800   27,66   1474.1     181   00 300   04,23   34,800   27,70   1474.0     181   00 300   04,23   34,900   27,70   1474.0     181   00 300   04,23   34,900   27,70   1474.0     181   00 300   04,23   34,900   27,70   1474.0     181   00 300   04,23   34,900   27,70   1474.0     181   00 300   04,23   34,900   27,70   1474.0     181   00 300   04,23   34,900   27,70   1474.0     181   00 300   04,23   34,900   27,70   1474.0     181   00 300   04,23   34,900   27,70   1476.0     181   00 300   04,23   34,900   27,71   1476.0     181   00 300   04,23   34,900   27,71   1476.0     185   00 300   04,23   34,900   27,71   1476.0     185   00 300   04,23   34,900   27,71   1476.0     185   00 300   04,23   34,900   27,71   1476.0     185   00 300   04,23   34,900   27,71   1477.0     185   00 300   04,23   34,900   27,71   1477.0     185   00 300   04,23   34,900   27,71   1477.0     185   00 300   04,000   34,900   27,71   1477.0     185   00 300   04,000   34,900   27,71   1477.0     185   00 300   04,000   34,900									00.[54									
STD   O0125   O1.28   34.30   27.49   O0.146   1456.2     STD   O0150   O2.49   34.44   27.51   O0.161   1461.7     O45   O0150   O2.49   34.44   27.51   O0.161   1461.7     O45   O0170   O1.45   34.462   27.56   1466.8     O45   O177   O1.45   34.582   27.55   1466.1     O45   O177   O1.45   34.582   27.55   O0.161   1461.7     O45   O177   O1.45   34.580   27.55   O0.161   1466.1     O45   O177   O1.28   34.580   27.55   O0.161   1466.1     O45   O177   O1.28   34.580   27.55   O0.161   1466.1     O45   O177   O2.67   34.560   27.57   O0.169   1466.0     O45   O177   O2.67   34.560   27.57   O0.169   1466.0     O45   O177   O2.67   34.560   27.57   O0.169   1466.0     O45   O177   O2.67   O1.76   O1.76   O0.215   I469.7     O45   O0.250   O1.78   34.77   27.65   O0.215   I469.7     O45   O0.250   O1.78   34.77   27.65   O0.215   I469.7     O45   O0.250   O1.78   34.77   27.65   O0.215   I469.7     O45   O0.250   O1.78   34.49   O7.76   O0.238   I47.2     O45   O0.000   O4.60   34.90   O7.76   O0.238   I47.2     O45   O0.000   O4.60   34.90   27.70   I47.6     O45   O0.38   O4.33   34.880   27.68   I47.2     O45   O0.50   O4.21   34.99   27.70   I47.6     O45   O4.00   O4.23   34.91   27.71   O1.76   I47.3     O45   O4.00   O4.23   34.99   27.70   O7.70   I47.0     O46   O4.23   34.80   27.71   O1.78   I47.0     O46   O4.23   34.80   27.71   O1.78   I47.0     O46   O4.23   34.92   27.72   O0.78   I47.0     O46   O4.00   O4.23   34.92   27.73   O4.78   I47.0     O46   O4.00																		
SRC   O01.59   O1.24   O1.26   O1.24   O1.26									00.146									
STO   00150   02.40   34.44   27.51   00.161   1461.7     ORS   00150   02.40   34.45   27.51   1466.7     ORS   00170   03.45   34.502   27.56   1466.8     STO   00200   03.15   34.59   27.57   00.189   1466.0     ORS   00200   03.15   34.590   27.57   00.189   1466.0     ORS   00200   03.15   34.590   27.57   00.189   1466.0     ORS   00200   03.15   34.590   27.57   00.189   1466.0     ORS   00217   02.67   34.560   27.57   1466.2     ORS   00225   03.03   34.646   27.62   1466.0     ORS   00250   03.78   34.77   27.65   00.215   1469.7     ORS   00250   03.78   34.77   27.65   00.215   1469.7     ORS   00250   03.78   34.77   27.65   00.215   1469.7     ORS   00250   03.78   34.77   27.66   1474.7     ORS   00250   03.78   34.77   27.66   1474.7     ORS   00300   04.60   34.90   27.66   1474.7     ORS   00300   04.60   34.90   27.66   1474.2     ORS   00388   04.33   34.880   27.68   1474.2     ORS   00388   04.33   34.880   27.68   1474.1     ORS   00340   04.62   34.910   27.70   1474.1     ORS   00340   04.28   34.910   27.71   1474.3     ORS   00340   04.28   34.910   27.71   1474.3     ORS   00400   04.23   34.895   27.71   1474.3     ORS   00500   04.23   34.895   27.70   1474.3     ORS   00640   04.18   34.900   27.71   1474.3     ORS   00640   04.18   34.900   27.71   1474.9     ORS   00665   04.11   34.920   27.73   1476.6     ORS   00667   04.11   34.920   27.73   1476.6     ORS   00667   04.11   34.920   27.73   1477.1     ORS   00665   04.11   34.920   27.73   1477.1     ORS   00665   04.11   34.930   27.74   1478.9     ORS   00667   04.11   34.930   27.74   1478.9     ORS   00667   04.11   34.930   27.74   1478.9     ORS   00600   04.08   34.930   27.75   00.459   1480.3     ORS   00000   04.08   34.930   27.75   00.503   1481.6     ORS   00000									00.1									
985 00150 02-40 34-440 27-56 14-66-8 085 01176 03-28 34-580 27-55 14-66-8 085 01176 03-28 34-580 27-55 14-66-10 085 00200 03-15 34-590 27-57 00-189 14-66-0 085 00200 03-15 34-590 27-57 14-66-0 085 00200 03-15 34-590 27-57 14-66-0 085 00200 03-15 34-590 27-57 14-66-0 085 00200 03-15 34-590 27-57 14-66-0 085 00200 03-15 34-590 27-57 14-66-0 085 00200 03-18 34-60 27-59 14-66-0 085 00255 03-78 34-60 27-60 00-215 14-69-7 085 00250 03-78 34-77 27-65 00-215 14-69-7 085 00200 04-60 34-90 27-66 00-238 14-74-2 085 00300 04-60 34-90 27-66 00-238 14-74-2 085 00300 04-60 34-90 27-66 00-238 14-74-2 085 00300 04-28 34-910 27-70 14-74-1 086 00380 04-28 34-910 27-70 14-74-1 086 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-70 14-74-3 085 00450 04-23 34-90 27-77 14-74-3 085 00450 04-23 34-90 27-77 14-74-3 085 00450 04-23 34-90 27-77 14-74-0 085 00450 04-23 34-90 27-77 14-74-0 085 00450 04-23 34-90 27-77 14-74-0 085 00450 04-23 34-90 27-77 14-74-0 085 00450 04-23 34-90 27-77 14-74-0 085 00450 04-23 34-90 27-77 14-74-0 085 00450 04-23 34-90 27-77 14-74-0 085 00450 04-10 34-92 27-73 14-74-0 085 00450 04-10 34-92 27-73 14-74-0 085 00450 04-10 34-92 27-73 14-74-0 085 00450 04-10 34-92 27-73 14-74-0 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-10 34-92 27-75 00-415 14-78-9 085 00460 04-00 34-90 27-75 00-415 14-78-9 085 00460 04-00 34-90 27-75 00-505 14-80-0 085 00460 04-90 34-90 27-75 00-505 14-80-0 085 00460 04-90 34-90 27-75 00-505 1				510					00.161									
New York								27.51		1461.7								
SID   00200   03.15   34.590   27.57   1666.0   1666.0   167.7   167.0   167.7   167.0   167																		
0.985 002.00 03.15 3e.590 27.59 1466.0 0.885 002.17 02.67 3e.560 27.69 1466.0 0.510 00250 03.78 3e.77 27.65 00.215 1469.7 0.985 00250 03.78 3e.77 27.65 1469.7 0.985 00250 03.78 3e.77 27.66 1469.7 0.985 00250 03.78 3e.77 27.66 1469.7 0.985 00300 04.67 3e.90 27.66 00.238 147e.2 0.985 00300 04.60 3e.90 27.66 00.238 147e.2 0.985 00300 04.60 3e.90 27.66 1479.6 0.985 00338 04.33 3e.880 27.68 1479.6 0.985 00338 04.23 3e.800 27.70 1474.1 0.985 00380 04.24 3e.90 27.70 1474.1 0.985 00380 04.28 3e.90 27.70 1474.3 0.985 00400 04.23 3e.90 27.70 1474.3 0.985 00500 04.23 3e.90 27.70 1474.9 0.985 00500 04.23 3e.90 27.70 1476.0 0.985 00500 04.23 3e.90 27.70 1476.6 0.985 00500 04.10 3e.90 27.73 1477.1 0.985 00507 04.12 3e.90 27.73 1477.9 0.985 00500 04.10 3e.90 27.74 1478.9 0.985 00700 04.10 3e.90 27.75 1478.9 0.985 00700 04.10 3e.90 27.75 1478.9 0.985 00700 04.10 3e.90 27.75 1480.3 0.985 00700 04.10 3e.90 27.75 1480.3 0.985 00700 04.10 3e.90 27.75 1480.3 0.985 00700 04.08 3e.90 27.76 1480.3 0.985 00700 04.08 3e.90 27.76 1480.3 0.985 00700 04.08 3e.90 27.77 1480.3 0.985 00700 04.08 3e.90 27.75 1480.3 0.985 00700 04.08 3e.90 27.75 1480.3 0.985 00700 03.99 3e.90 27.75 00.593 1481.6 0.985 00700 03.99 3e.90 27.75 00.598 1483.2																		
0985 00217 02.67 34.660 27.59 1466.2 0985 00225 03.03 34.660 27.62 1466.0 510 00250 03.78 34.77 27.65 00.215 1469.7 088 00250 03.78 34.77 27.65 1469.7 188 00250 03.78 34.77 27.65 1469.7 188 00290 04.75 34.94 27.66 00.216 147.2 089 00300 04.60 34.90 27.66 01.236 147.2 088 00300 04.60 34.90 27.66 147.2 088 00338 04.33 34.880 27.68 1473.6 088 00338 04.33 34.880 27.68 1473.6 088 00300 04.24 34.90 27.70 1474.1 085 00300 04.28 34.910 27.70 1474.3 085 00400 04.28 34.910 27.71 1474.3 085 00400 04.21 34.99 27.70 00.28 1474.3 085 00400 04.23 34.895 27.70 1474.3 085 00400 04.23 34.99 27.70 1474.3 085 00450 04.18 34.900 27.71 1474.9 085 00500 04.23 34.92 27.72 1474.9 085 00500 04.23 34.92 27.72 1476.0 085 00500 04.23 34.92 27.72 1476.0 085 00500 04.23 34.94 27.77 1476.6 085 00500 04.13 34.90 27.77 1476.6 085 00500 04.13 34.90 27.77 1476.6 085 00500 04.13 34.90 27.77 1476.6 085 00500 04.10 34.92 27.73 1476.6 085 00500 04.12 34.90 27.73 1477.1 085 00505 04.12 34.90 27.73 1477.1 085 00505 04.17 34.930 27.73 1477.1 085 00505 04.17 34.930 27.73 1477.1 085 00505 04.10 34.90 27.73 1477.1 085 00505 04.11 34.90 27.73 1477.1 085 00505 04.12 34.90 27.73 1477.1 085 00505 04.12 34.90 27.73 1477.1 085 00505 04.12 34.90 27.73 1477.1 085 00505 04.12 34.90 27.73 1477.1 085 00505 04.12 34.90 27.73 1477.1 085 00505 04.12 34.90 27.73 1477.1 086 00525 04.17 34.930 27.73 1477.1 087 00782 04.14 34.90 27.75 02.415 1478.9 087 00700 04.18 34.90 27.75 1478.9 088 00700 04.08 34.930 27.74 1479.7 089 00700 04.08 34.930 27.74 1479.7 080 00700 04.08 34.930 27.74 1479.7 080 00700 03.99 34.92 27.75 00.508 1480.3 085 0000 03.99 34.92 27.75 00.508 1480.3 085 0000 03.99 34.92 27.75 00.508 1480.3									00.189									
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\$10 00250 03.78 34.77 27.65 00.215 1469.7  085 00250 03.78 34.775 27.65 1469.7  085 00290 04.75 34.940 27.66 00.238 1474.2  085 00300 04.60 34.90 27.66 00.238 1474.2  085 00338 04.33 34.880 27.66 1473.6  088 00380 04.24 34.900 27.70 1474.1  085 00390 04.28 34.910 27.71 1474.0  085 00400 04.23 34.895 27.70 00.284 1474.3  085 00400 04.23 34.895 27.70 1474.3  085 00400 04.23 34.990 27.71 1474.9  \$10 00500 04.23 34.990 27.71 1474.9  \$10 00500 04.23 34.920 27.72 1476.0  085 00500 04.23 34.920 27.72 1476.0  085 00607 04.10 34.920 27.73 1476.6  \$10 00600 04.10 34.920 27.73 1477.1  085 00605 04.11 34.920 27.73 1477.1  085 00605 04.11 34.930 27.71 1477.1  085 00605 04.10 34.920 27.73 1477.1  085 00605 04.11 34.940 27.75 1477.6  \$10 00600 04.10 34.920 27.73 1477.1  085 00605 04.11 34.940 27.75 1477.6  \$10 00700 04.10 34.920 27.73 1477.1  085 00605 04.11 34.930 27.73 1477.1  085 00605 04.11 34.940 27.75 1477.6  \$10 00700 04.12 34.940 27.75 1477.6  \$10 00700 04.14 34.940 27.75 1477.9  085 00607 04.12 34.940 27.75 1477.9  085 00607 04.12 34.940 27.75 1477.9  085 00700 04.14 34.940 27.75 1477.9  085 00700 04.16 34.930 27.77 1477.9  085 00700 04.10 34.930 27.77 1477.9  085 00700 04.10 34.930 27.77 1479.7  085 00700 04.10 34.930 27.77 1479.7  085 00700 04.10 34.930 27.77 1479.7  086 00700 04.10 34.930 27.77 1479.7  087 00700 04.10 34.930 27.77 1479.7  088 00700 04.08 34.930 27.77 1479.7  089 00900 03.99 34.92 27.75 1480.3  085 00900 03.99 34.92 27.75 1480.3  085 00900 03.99 34.92 27.75 1480.3  085 00900 03.99 34.92 27.75 1480.3  085 00900 03.99 34.92 27.75 1480.2																		
ORS   OO250   O3.78   34.775   27.65   1469.7     ORS   OO290   O4.75   34.940   27.66   O2.28   1474.7     ORS   OO300   O4.60   34.90   27.66   O2.28   1474.2     ORS   OO330   O4.60   34.90   27.66   O2.28   1474.2     ORS   OO338   O4.33   34.880   27.68   O2.48   O2.48     ORS   OO356   O4.37   34.90   27.70   O2.70   O2.70     ORS   OO300   O4.28   34.90   27.71   O2.70   O2.70     ORS   OO300   O4.28   34.91   27.71   O2.70   O2.70   O2.70     ORS   OO400   O4.23   34.895   27.70   O2.70   O2.70   O2.70     ORS   OO500   O4.23   34.995   27.70   O2.70   O2.70   O2.70     ORS   OO500   O4.23   34.90   27.71   O2.70   O2.70     ORS   OO500   O4.23   34.90   27.71   O2.70   O2.70     ORS   OO500   O4.23   34.90   27.71   O2.70   O2.70     ORS   OO500   O4.23   O2.70   O2.70   O2.70     ORS   OO500   O4.10   O2.70   O2.70   O2.70     ORS   OO700   O4.10   O2.70   O2.70   O2.70     ORS   OO700   O4.10   O2.70   O2.70   O2.70   O2.70     ORS   OO700   O4.08   O2.70   O2.70   O2.70   O2.70     ORS   OO700   O4.08   O2.70   O2.70   O2.70   O2.70     ORS   OO700   O3.99									00.215									
\$10 00300 04.60 34.90 27.66 00.238 1474.2  DR\$ 00300 04.60 34.90 27.66 1474.2  DR\$ 00308 04.31 34.880 27.68 1473.6  UR\$ 00356 04.37 34.880 27.68 1473.6  UR\$ 00356 04.37 34.910 27.70 1474.1  DR\$ 00390 04.28 34.910 27.71 1474.3  \$10 00400 04.23 34.895 27.71 1474.3  DR\$ 00400 04.23 34.895 27.70 00.284 1474.3  DR\$ 00450 04.18 34.900 27.71 1474.9  \$10 00500 04.23 34.92 27.72 00.328 1476.0  DR\$ 00525 04.28 34.940 27.72 1476.6  \$510 00600 04.10 34.92 27.73 1477.1  DR\$ 00600 04.10 34.92 27.73 1477.1  DR\$ 00607 04.11 34.930 27.73 1477.1  DR\$ 00607 04.11 34.930 27.73 1477.1  DR\$ 00607 04.10 34.92 27.73 1477.1  DR\$ 00607 04.11 34.930 27.73 1477.1  DR\$ 00607 04.11 34.930 27.73 1477.1  DR\$ 00607 04.11 34.940 27.75 1478.9  DR\$ 00607 04.12 34.940 27.75 1478.9  DR\$ 00700 04.08 34.940 27.75 1478.9  DR\$ 00700 04.08 34.930 27.77 1480.3  DR\$ 00900 03.99 34.92 27.75 00.503 1481.6																		
DRS 00300 04.60 34.900 27.66 1474.2  TRS 00338 04.33 34.880 27.68 1473.6  URS 00358 04.37 34.910 27.70 1474.1  TRS 00380 04.24 34.900 27.70 1474.3  STO 00400 04.28 34.99 27.70 00.284 1474.3  DRS 00400 04.23 34.89 27.70 00.284 1474.3  DRS 00400 04.23 34.89 27.70 00.284 1474.3  DRS 00400 04.23 34.99 27.71 1474.9  STO 00500 04.18 34.900 27.71 1474.9  STO 00500 04.23 34.92 27.72 1476.0  DRS 00500 04.23 34.92 27.72 1476.0  DRS 00500 04.23 34.94 27.73 1476.6  STO 00600 04.10 34.92 27.73 1476.6  STO 00600 04.10 34.92 27.73 1477.1  DRS 00605 04.17 34.930 27.73 1477.1  DRS 00655 04.17 34.930 27.73 1477.9  URS 00665 04.17 34.940 27.75 1478.9  DRS 00700 04.10 34.92 27.73 1477.9  URS 00665 04.17 34.940 27.75 1478.9  DRS 00700 04.10 34.94 27.75 1478.9  DRS 00700 04.11 34.940 27.75 1478.9  DRS 00700 04.12 34.940 27.75 1478.9  DRS 00700 04.14 34.940 27.75 1478.9  DRS 00700 04.18 34.930 27.73 1477.1  DRS 00700 04.18 34.940 27.75 1478.9  DRS 00700 04.18 34.940 27.75 1478.9  DRS 00700 04.08 34.930 27.74 1479.7  DRS 00700 04.08 34.930 27.74 1480.3  DRS 00900 03.99 34.92 27.75 00.508 1481.6  DRS 00900 03.99 34.92 27.75 00.508 1481.6  DRS 00900 03.99 34.92 27.75 00.508 1481.6  DRS 00900 03.99 34.92 27.75 00.508 1483.2								27.68										
DRS         00338         04.33         34.880         27.6R         1473.6           URS         00156         04.37         34.910         27.70         1474.1           DRS         00190         04.28         34.910         27.71         1474.3           STO         00400         04.28         34.910         27.71         1474.3           DRS         00400         04.23         34.895         27.70         02.28         14.74.3           DRS         00400         04.23         34.895         27.70         1474.3         1474.3           DRS         00400         04.23         34.900         27.71         1474.9         1474.9           DRS         00500         04.23         34.902         27.72         00.328         1476.0           DRS         00500         04.23         34.920         27.72         1476.0           DRS         00500         04.23         34.920         27.72         1476.6           STO         00600         04.10         34.920         27.73         1477.1           DRS         00607         04.11         34.920         27.73         1477.1           DRS         00665 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>00.238</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									00.238									
URS 00380 04.24 34.900 27.70 1474.1 0RS 00380 04.28 34.910 27.71 1474.3 STO 004.00 04.28 34.910 27.71 1474.3 STO 004.00 04.23 34.89 27.70 00.284 1474.3 185 00450 04.18 34.900 27.71 1474.9 STO 00500 04.23 34.90 27.71 1474.9 STO 00500 04.23 34.920 27.72 00.328 1476.0 DRS 00505 04.28 34.945 27.73 1476.6 STO 00600 04.10 34.92 27.73 1477.1 DRS 00600 04.10 34.92 27.73 1477.1 DRS 00600 04.10 34.92 27.73 1477.1 DRS 00601 04.12 34.92 27.73 1477.1 DRS 00601 04.12 34.92 27.73 1477.1 DRS 00601 04.13 34.92 27.73 1477.1 DRS 00601 04.10 34.92 27.73 1477.1 DRS 00601 04.10 34.92 27.73 1477.1 DRS 00605 04.17 34.930 27.73 1477.9 URS 00605 04.17 34.930 27.73 1477.9 URS 00605 04.17 34.940 27.74 1478.9 STO 00700 04.14 34.940 27.75 00.415 1478.9 DRS 00700 04.08 34.930 27.75 1478.9 DRS 00700 04.08 34.930 27.75 1480.3 DRS 00700 04.08 34.930 27.75 1480.3 DRS 00900 03.99 34.920 27.75 00.508 1483.2																		
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570         006.00         04.10         34.92         27.73         00.372         1477.1           085         006.07         04.10         34.920         27.73         1477.8           085         006.25         04.17         34.930         27.73         1477.9           085         006.47         04.12         34.902         27.73         1477.9           085         006.65         04.17         34.940         27.74         1478.5           510         00700         04.14         34.94         27.75         09.415         1478.9           085         00760         04.08         34.930         27.74         1479.7           085         00782         04.12         34.940         27.75         1480.2           510         00800         04.08         34.930         27.74         1480.3           085         00900         03.99         34.920         27.75         00.503         1481.6           510         01000         03.98         34.920         27.75         00.548         1481.6           570         01000         03.99         34.920         27.75         00.503         1481.6           570																		
085 00407 04.10 34.920 27.73 1477.1 085 00625 04.17 34.930 27.73 1477.8 085 00647 04.12 34.920 27.73 1477.9 085 00665 04.17 34.940 27.74 1478.5 5TO 00700 04.14 34.940 27.75 00.415 1478.9 085 00700 04.14 34.940 27.75 1478.9 085 00700 04.08 34.930 27.74 1479.7 085 00700 04.08 34.930 27.74 1479.7 085 00700 04.08 34.930 27.75 1480.2 5TO 00900 04.08 34.93 27.74 00.459 1480.3 085 00900 03.99 34.92 27.75 00.503 1481.6 085 00900 03.99 34.92 27.75 00.508 1480.2 085 01000 03.99 34.92 27.75 00.508 1480.2									00 372									
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385 00703 04-14 34-940 27.75 1478.9  085 00760 04-08 34-930 27.75 1479.7  086 00782 04-12 34-940 27.75 1480.2  510 00800 04-08 34-93 27.74 00.459 1480.3  085 00803 04-08 34-93 27.74 1480.3  510 00903 03-99 34-92 27.75 00.503 1481.6  085 00900 03-99 34-92 27.75 1481.6  510 01000 03-98 34-92 27.75 1481.6  510 01000 03-98 34-92 27.75 00.548 1483.2  085 01000 03-98 34-92 27.75 1483.2																		
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510 01000 03.98 34.92 27.75 00.548 1483.2 085 01000 03.99 34.925 27.75 1483.2				510		03.99			00.503									
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									00.548									
0102 01024 04.00 24.40 27.66 1483.1																		
				.182	01024	04.00	J4.440	21.18		1483.7								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

PEFID 31 H296 CONSEC 0165 LAT 44 21.5N LONG 047 54 W	YEAR WCVTH DAY HGUR	05 17	HUTOP 03384 SHIP EV DATA USE 1 AREA 05	ATR 1 MET 8 APPON	ULR 10.6 ETP 1029-5		GT PER L 3	RIG-GRIM RC=CNIM RC=CNIM FAPTASH	12	TRAC	510 REC F 019 T10N T1P 111	01.3	5	N SO LE SOUARE SOUARE SOUARE	2 46
CASTNUMZT1HE	LVLTYD	OFPIH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DXXC	P 34	101 P	NO2	403	5133	P 4	
	510	00000	10.38	33.52	25.75	00.000	1489.9								
01.2	าคร	00000	10.38	33.520	25.75	00	1489.9								
	510	00013	10.16	33.53	25.19	00.022	1489.3								
	095	00017	09.33	33.960	26-27		1486.9								
	510	20050	08.80	34.25	26.59	00.941	1485.3								
	он5	00020	08.90	34.255	26.59		1485.3								
	CRS	00025	08.31	34.260	26.67		1483.6								
	210	00030	08-58	34.46	26.78	00.054	1484.9								
	085	00010	08.58	34.460	26.78		1484 - 9								
	785 510	00040 00050	09.00 09.48	34.730	26.93	00 070	1487.0								
	785	00050	09.49	34.72 34.720	27.00 27.00	00.078	1485.2								
	UBS	00060	08.25	34.680	27.01		1484.4								
	085	00070	07.25	34.480	27.00		1480.5								
	510	00075	07.38	34.63	21.09	00.104	1481.3								
	085	00075	07.38	34.630	27.09		1481.3								
	CAIS	00082	06.63	34.480	27.08		1478.3								
	OBS	00095	07.03	34.690	27.12		1480.2								
	510	00100	06.93	34.60	21.13	951.00	1479.9								
	085	00100	06.93	34.600	27,13		1479.9								
	785	00113	06.70	34.610	27.17		1479-2								
	\$10	00125	06.91	34.66	27.19	00.151	1480.3								
	385 \$10	00140	07.10 07.18	34.710	27.20	00 17/	1481.4								
	185	00150	07.18	34.73 34.730	27.20 27.20	00.174	1481.9 1481.9								
	085	001 80	07.40	34.920	21.24		1483.3								
	510	00.500	06.4B	34.74	27-31	00.217	1479.9								
	18.5	00200	06.48	34.740	27.31	00.2	1479.9								
	STO	00250	26.18	34.74	27.35	00.256	1479.6								
	THS	00250	06.18	34.740	21.35		1479.6								
	DBS	00270	05.83	34.745	27.39		1478.5								
	510	00300	05.69	34.77	27.44	00.293	1478.5								
	nes as	00300	05.69	34.775	27.44		1478-5								
	985	00333	05.79	34.885	27.51		1479.5								
	185 5 f n	00350 00400	05.38	34.950	27.53	00 15/	1478 - 1								
	085	004 00	05.43 05.43	34.93 34.930	27.59 27.59	00.356	1479.3								
	085	00423	05.41	34.975	27.63		1479.7								
	510	00500	05.05	34.97	21.67	00.409	1479.4								
	ne's	20500	05.05	34-975	21.67	00.107	1479.4								
	STD	00600	04.71	34.97	27.71	00.456	1479.7								
	085	00600	04.71	34.970	27-71		1479.7								
	510	00700	04.63	34.98	21.12	00.503	1481.0								
	985	00700	04.63	34.980	27.72		1481.0								
	510	00800	04.32	34.96	21.75	00.548	1481-4								
	nas	00800	04 - 32	34.965	21.75		1481-4								
	510 085	00901	04.15	34.94	27.75	00.593	1482 - 3								
	510	00 000	04.15 04.16	34.945 34.96	27.75 21.16	00.637	1482.3								
	085	01700	04.16	34.960	27.76	00.03/	1484.0 1484.0								
	085	01024	04-14	34.960	27.76		1484.4								
	S 3	0107.7	07717	3.4700	_,,,,										

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296,—Continued

REFTO CONSE LAT LUNG	۲ 45	8296 0166 27 N 59 H	MONT DAY	1972 d 05 t7 07.9	801UP 03200 SHIP EV DATA USE 1 AHFA 05	HET BAPC	TEMP 11.7 9ULB 10.6 IMETR 1028.4 IO 174		GT PER 2 2	#170-018 #170-5PD #170-5P #176-7		TR ALE	510 REG F 01R T10N T1P 11	03.3	5	EN 52 1 SQUARF SOUAPE SOUAPE	E 46
C 4 5	TNUM	TEME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-F	DYNOPIH	SAU VEL	JXY G	P 14	TOT P	NO2	103	5133	94	
			510	00000	08 • 90	33.22	25.77	00,000	14.04 0								
		07.9	085	00000	08.90	33.225	25.77	1100	1484.0								
			510	01000	07.73	33.42	25.09	00.021	1480 -0								
			085	00010	07.73	33-420	25.09		1480.0								
			510	00020	04.89	33.42	26.46	00.018	1468.7								
			085	00020	04.88	33.420	25-46		1468.7								
			985 510	00024	04.56 04.78	33.460 33.56	26.53 26.59	00.054	1467.5								
			085	30030	04.78	33.565	26.59	00.1154	1469.7								
			085	00031	04.75	33.620	26.63		1468.0								
			085	00048	03.55	33,560	25.71		1463.8								
			510	00050	03.88	33.64	26.74	00.081	1465.3								
			085	00050	03-85	33.640	26.74		1465.3								
			085	00056	04.60	33.940	76.90		1468.9								
			085 085	00060	04.36 04.18	33.980 33.930	26.8A 26.94		1467.8								
			085	00070	03.19	33.915	27.02		1467.2								
			510	00075	03.23	34.02	27.10	00-110	1463.5								
			085	00075	03.23	34.020	27.10	000110	1463.5								
			510	00100	03.16	34.13	27.20	00.133	1463.8								
			085	00100	03.16	34.130	27.20		1463.8								
			085	00115	02.58	34.130	27.25		1461.5								
			510 085	00125	02.83	34.24 34.240	27.32 27.32	00.154	1462.9								
			510	00150	03 - 68	34.41	21.37	00.173	1462.9								
			085	00150	03.68	34.410	27.37	00.1.5	1467.2								
			08.5	00155	03.17	34.360	27.38		1465.0								
			085	00165	03.75	34.460	27.40		1467.8								
			085	00171	03.49	34.445	27.42		1466.8								
			510 085	00200	04.38	34.68	27-51	00.206	1471.3								
			085	00200 00219	04.38 04.26	34.680 34.690	27.51 27.53		1471.3								
			510	00250	05.18	34.88	27.58	00-235	1471.1								
			06-	00250	05.18	34.880	27.58	000233	1475.7								
			085	00270	05-09	34.905	27.61		1475.7								
			185	00271	05.21	34.960	27.64		1476.3								
			510	00100	05.09	34.95	27.65	00.261	1476.3								
			085 085	00300	05.09 05.14	34.950 34.945	27.65		1476.3								
			510	00400	05.00	34.98	27.64 27.68	00.309	1476.6								
			085	00400	05.00	34.985	27.68	00.707	1477.6								
			510	00500	04.46	34.95	21.72	00.354	1477.0								
			085	005 00	04.46	34.950	21.72		1477.0								
			085	00550	04.38	34.940	27.72		1477.4								
			5To 085	00600	04.53	34.99	27.74	00+ 198	1479.0								
			085	00600 00640	04.53 04.61	34.990 35.000	27.74 27.74		1479.0								
			STO	00100	04.49	34.98	27.74	00.441	1480.0								
			J85	00700	04.48	34.985	27.74	30.441	1480.4								
			510	00800	04.31	34.97	27.75	00.485	1481 - 3								
			085	00800	04.31	34.975	27.75		1481.3								
			510	00900	04.24	34.97	27.76	00.528	1482.7								
			085 510	00900	04.24	34.975	27.76		1482.7								
			085	01000 01000	04.04	34.95 34.955	27.77 27.77	00-572	1483.5								
			385	01022	04.03	34.955	27.77		1483.5								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFIC 31 8296 CONSEC 0167 LAT 45 30 N LONG 047 23 W	MONT OAY	1972 H 05 17 11-6	AOTOP 02251 SHIP EV OATA USE 1 APEA 05				HGT PER 2 2	#INO-DIR #IND-SPO #IND-F3R #EATHER		TR AC DIJR A	STO RE E DIR Tion Tip 11	00.2	5	N SQ 1306 SOUARE 4 SQUARE 46 SQUARE 57
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	DXY G	P ) 4	TOT P	NQ2	NQ3	513	PH
	510	00000	07.14	32.85	25.73	00.000	1476.8							
11.6	OBS	00303	07.14	32 + 950	25.73		1476.8							
	285	30003	07,60	33.160	25.91		1479.0							
	510	00010	04.06	33.16	26+26	00.020	1464.7							
	-)65 STO	00015	03.11 03.48	33.040 33.06	26.34 25.32	00.039	1460.7							
	78 S	00020	03.48	33.060	26.32	00.035	1462.4							
	510	00030	03.27	33.11	26.38	00.054	1461.7							
	JAS	00030	04.48 P	33.61 P	26.650									
	JRS	00042	03.01	33.180	26.46 •		1460.9							
	HRS	00046	03-37	33.560	26.73		1463.0							
	ST0 1185	00050 00053	02.98	33.61	26.80	00.084	1461.5							
	085	00056	02.98 02.74	33.660	26.80 26.86		1461.5							
	510	00075	03.96	34.09	27.09	00.112	1466.7							
	DRS	00075	03.96	34.390	27.09	001111	1466.7							
	STD	001.00	03.18	34.14	27.20	00.135	1463.9							
	088	00103	03.18	34.140	27.20		1463.9							
	OBS	001.04	03.61	34.200	27.21		1465.8							
	SIU SIU	00112	03.19	34.200	27.25	00.10	1464.1							
	785	00125 00125	02.21	34.16 34.160	27.30 27.30	00.156	1460.2							
	nes nes	00123	02.23	34.215	27.35		1460.2							
	785	001 17	02 • 39	34.260	27.37		1461.2							
	28C	00141	02.30	34.220	27.35		1460.8							
	210	00150	03.42	34.42	27.41	00.174	1466 - 1							
	DBS	00172	04 - 85	34 - 690	21.47		1472.8							
	ORS STD	00190 00200	04.62 04.18	34.660 34.64	27.47 21.51	00.207	1472.1							
	OBS	20200	04.18	34.645	27.51	00.201	1470.4							
	28 S	00210	04.16	34.640	27.50		1470.5							
	CBS	00222	03.79	34.615	27.52		1469.1							
	STO	00250	04.52	34.76	27.56	00-236	1472.9							
	CIBS	00250	04.52	34.760	27.56		1472.8							
	510	00300	04.89	34.91	27.64	00.263	1475 - 4							
	085 085	00300 00325	04-89 05-10	34.915	21.64		1475.4							
	UBS UBS	00362	05.03	34.955 34.970	27.65 27.66		1476 • 7							
	18.5	00374	04-92	34-940	27.66		1476.8							
	STO	00400	04.91	34.97	27.68	00.311	1477.2							
	280	00400	04.91	34.970	27.68		1477.2							
	UBS	00427	05.01	35.015	27 • 71		1478.1							
	STO	00500	04.68	34.48	27.12	00.356								
	DBS DBS	00500 00530	04.68 04.58	34.980 34.950	27.72		1477.9							
	a8 s	00544	04 - 73	35.010	27.74		1478.0							
	STO	nough	04.56	34.98	27.73	00.400	1479 -1							
	28 C	00400	04.56	34.985	21.73		1479.1							
	510	00700	04.42	34.98	21.75	00.444	1480.1							
	785	00700	04.42	34.980	27.75		1480 -1							
	510	00800	04.32	34.98	27 • 76	00.487	1481.4							
	nes Sto	00900 00900	04.32 04.19	34.980 34.96	27.76	00 531	1481.4							
	38G	00900	04.19	34.960	21.76 21.76	00.531	1482.5							
	612	01000	04.07	34.96	27.77	00.575	1483.7							
	D85	01000	04.07	34.965	27.77		1483.7							
	nas	01030	04.04	34.960	27.77		1484 . 0							
					•••••	• • • • • • • •	•							

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

PEFID 31 8296 CONSEC 0168 EAT 45 39.0N LUNG 047 35.5W	MONT.		BOTOP 02763 SHIP EV DATA USE 1 AREA 05	AIB T WET B BAROM CLOUD	UL8 07.2 FTB 1028.8	OTA H 26 SEA CL/TR	GT PE8 2 2	#140-318 #140-250 #140-318		DA FT	072  10 3  	9	0ROER 7 00.3	5 2	CZ M BADOZ BANGZ BALOZ	F.,
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	) XY G	914	TOT C	, v	32	NO3	5133	PH	
	510	00000	04.35	32.32	25.65	00.000	1464.7									
13.4	085	00000	04.35	32.325	25.65		1464.7									
	J95	80000	04.35	32.320	25.65		1464.9									
	STU	00010	04.06	32.42	25.75	00.023	1463.8									
	38 S	00010	04 - 06	32.420	25.75		1463.8									
	510	00353	02.98	32 + 86	26.20	00.043	1459.9									
	19.5	00020	02.98	32.860	26.20		1459.9									
	<b>\$</b> † D	00030	02.63	33.38	26.65	00.060	1459.3									
	08.5	00030	02.63	33.380	26.65		1459.3									
	085	00034	01.27	33.360	26.73		1453.3									
	085	00038	01.60	33.500	26.82		1455.1									
	OBS	00042	00.65 P	33.90 P	21.200											
	7A S	00045	00.81	33.460	25.84 *		1451.6									
	UB S	20049	00.59	33.430	26.83	00 39,	1450 • 6									
	510	00050	00.99	33.44	25.92	00.086	1452 - 4									
	385 985	00750 00069	00.98	33.440	26.82 26.97		1452 • 4									
	STO	000075	00-52 00-24	33.600 33.84	27.18	00.113	1450.9									
	365	00078	00.18	33.900	27.23	00.113	1449.9									
	085	00076	00-24	33-900	27.23		1450.2									
	085	00090	00.15	33.915	21.24		1450.0									
	510	301.00	00.49	34.11	27.38	00.133	1451.9									
	785	00100	00.49	34.110	27.39	00.177	1451.9									
	513	00125	00.78	34.16	27.41	00.150	1453.7									
	280	90125	00.79	34.160	27.41		1453.7									
	510	00150	01.13	34.24	21.45	00.167	1455.8									
	085	00150	01-13	34.240	21.45		1455.8									
	STD	00200	01.93	34.42	27.53	00.197	1467.7									
	JAS	00200	01.93	34.420	27.53		1460.7									
	1182	00242	04.51	34-880	21.66		1472.9									
	STD	00250	04.31	34.88	21.68	00.223										
	385	00283	03.65	34.760	27.65 •		1469.7									
	19.5	00290	03.55	34.715	27.63		1469.3									
	0.12	00300	03.91	34.79	27.65	00.246	1471.1									
	1185 5 f D	00334	04.64	34.940 34.93	27.69		1474.9									
	3,65	00400	03.43	34.835	27.68 27.68	00.293	1472.9									
	785	00452	04.23	34.920	27.72		1475.2									
	)A 5	00463	04.15	34.895	27.71		1475.0									
	SÍD	00500	04.20	34.90	27.71	00.339	1475 - 9									
	085	60500	04.20	34.900	27.71		1475.8									
	08.5	00525	04.06	34.890	27.71		1475.6									
	78.5	00542	04.15	34.920	21.73		1476.3									
	085	00590	04.09	34-910	21.73		1476.8									
	STO	00400	04.16	34.93	27.74	00.382	1477.3									
	385	00500	04.15	34.430	27.74		1477.3									
	STO	00700	04.07	34.92	21.74	00.426	1478.6									
	185	00700	04.07	34.920	27.74		1478 - 6									
	STD	00900	04.04	34.92	27.74	00-470	1480.1									
	510 510	00900	34.04	34.920	27.74	00 61	1480.1									
	PAS	00900	03.98	34.92	27.75	00.514	1481.6									
	510	01000	03.98 03.92	34.925	21.75	20 669	1481.6									
	195	01000	03.92	34.92 34.925	21.76 21.76	00.558	1483.0									
	385	01030	03.89	34.920	21.16		1483.0 1483.3									
	50,	,,,,,,	V	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			. +									

TABLE XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFI CONS LAT LON	45	8296 0169 35.5N 46.0W	MONT Day	1972 H 06 17 15.2	BOTOP 01315 SHIP EV DATA USE 1 AREA OS	BARD		DIR H 26 SFA CL/TR	51 PER ? 2	MIND-DIR MIND-SPD MIND-FDR MEATHER	14	TR AC I	STO REC E DIR TION TIP 111	0).2	5	N SO I SOUARE SAUCE PALCOS	46
C 4	4 STNUM/	TIME	LVLTYP	DEPTH	TEMP	SAL	SIGMA-T	DYNOPTH	SNO VEL	DXY G	P ) 4	r Or P	ND2	NO3	5133	P 4	
			STO	00000	04.36	32.27	25.60	00-000	1464.7								
		15.2	085	00000	04.36	32.270	25.60		1464 - 7								
			510	01000	03.38	32.66	26.01	00.022	1461.2								
			085	00010	03.38	32.660	26.01		1461 -2								
			510	00020	01.38	32.86	26.33	00-041	1452.9								
			385	00020	01.39	32.860	26.33		1452.9								
			STD	00030	00.75	33.34	26.75	00.056	1450.9								
			085	00030	00-75	33.340	26.75		1450.9								
			STO	00050	00.18	33.75	27.11	00.078	1449.2								
			08.5	00050	00.18	33.755	27.11		1449.2								
			085	00072	00.42	33.950	27 • 26		1450.9								
			510	00075	00.50	34.08	27.36	00.099	1451.5								
			085	00075	00.50	34.080	27.36		1451.5								
			STO	00100	01.18	34.23	27.44	00 - 117	1455.2								
			ემვ	00100	01.18	34.230	27.44		1455.2								
			STD	00125	01.47	34.32	21.49	00-132	1457+1								
			082	00125	01.47	34.325	27.49		1457.1								
			STO	00150	01.77	34.39	27.53	00.147	1458.9								
			08.5	00150	01.77	34.395	27.53		1458.9								
			510	00200	02-68	34.62	27.63	00.173									
			08 S	00200	02.68	34-620	27.63		1464.0								
			STO	00250	03.33	34.74	27.67	00.197									
			085	00250	03.33	34.740	27.67		1467.8								
			STD	00300	03.72	34.81	27.69	00.219									
			085	00300	03.72	34.810	27.69		1470.4								
			DBS	00325	03.84	34.845	27.70		1471.3								
			085	00341	03.80	34.840	27.70		1471.4								
			STO	00400	03.98	34.89	27.72	00 - 26 3									
			088	00400	03.98	34.890	27.72		1473-2								
			STO	00500	04.03	34.90	27.73	00.305									
			085	00500	04.03	34.900	27.73		1475+1								
			510	00600	04+02	34.91	27.74	00.348	1476.7								
			085	00600	04.02	34.915	27.74		1476 - 7								
			510	00700	03.97	34.92	27.75	00.390									
			085	00700	03.97	34 • 920	27.75		1478.2								
			510	00800	03.95	34.92	27.75	00.433									
			085	00800	03.95	34.920	27.75		1479.8								
			STD	00900	03.92	34.92	27-75	00.477	1481.3								
			085	00900	03.92	34.920	27.75		1481.3								
			510	01000	03.91	34.92	27.75	00 • 521									
			085	01000	03.91	34.920	27.75		1482.9								
			085	01025	03-90	34.920	27.75		1483.3								
									•								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

96FFD 31 8296 YEAR 1972 CONSEC 0170 MONTH 05 LAT 45 49.5N DAY 17 LONG 047 55.0W HOUR 16.8	BOTOP 01097 SHIP EV OATA USE 1 AREA 05	AIR TEMP 07.8 WET BULB 06.1 BARUMETR 1029.5 CLOUD 1/4	DIR HGY PER 26 2 2 SEA CL/TR	WIND-SPO 15 TRACE WIND-SPO 15 DURAS	
CVZINAMILIME FAFTAD BEDIH	TEMP S	SAL SIGMA-T	OYNOPTH SNO VEL	3XYG P34 101 P	NO2 NO3 5103 PM
\$10 0000	03,12 32	2,23 25,69	00.000 1459.4		
16.8 085 00000		.230 25.69	1459.4		
\$10 00010		2.22 25.69	00.023 1459.0		
ORS 00010		2.220 25.69	1459+0		
510 00020		2.25 25.74	00.046 1458.3		
1RS 00020	02-78 32	2.255 25.74	1458.3		
510 000 30	- 0.27 32	P.R6 26.41	00.065 1445.6		
985 00030	- 0.27 32	2-860 26.41	1445.6		
7RS 00032	- 0.5R 32	24940 26.49	1444.3		
785 000 16	- 0.44 32	2.950 26.49	1445.0		
STD 00050		3-18 26-71	00.095 1441.4		
1795 00050		1.180 26.71	1441.4		
ባጻና 00052		3.280 26.79	1441.8		
ST0 00075		3.40 26.78	00-128 1453-2		
nRS 00075		3.400 26.78	1453.2		
nas 00094		3.560 26.98	1447+7		
210 00160		27-01	00-157 1448-4		
385 001.04		3+660 27.05	1448.9		
nas 00117		.920 27.12	1459.1		
ORS D0123		1.960 27.18	1457.8		
STO 00125		27.20	00.181 1458.4		
085 00125		1.995 27.20	1458.4		
085 30144		1.990 27.22	1456.9		
STD 00150		0.02 27.26 0.100 27.34	00.202 1456.2		
ന85 00161 985 0016R		.160 27.38	1455.8 1456.2		
0AS 00178		.140 27.38	1455+2		
510 00200		.24 27.45	00-239 1457-0		
385 00200		.245 27.45	1457.0		
\$10 00250		.44 27.54	00.269 1461.9		
ORS 00250		.440 27.54	1461.9		
\$10 00300		-61 27-62	00.296 1466.1		
085 00300		.610 27.62	1466.1		
STD 00400		.82 27.70	00.343 1471-7		
DRS 00400	03-65 34	-820 27.70	1471 - 7		
\$10 <b>00</b> 500		.88 27.71	00.387 1474.9		
085 00500		.880 27.71	1474.9		
785 <b>00561</b>		-900 27.73	1476.1		
STD 00600		.89 27.72	00.431 1476.6		
DB 5 006 00		-R95 27-72	1476.6		
\$10 00700		-90 27-73	00-475 1478.3		
085 00700		.905 27.73	1478 - 3		
570 00800		.90 27.73	00-520 1479-9		
DB 5 00A 00		.900 27.73	1479.9		
510 00000		.90 27.73	00-565   481-4		
385 00900		.900 27.73	1481-4		
\$10 01000		.40 27.73	00.612 1483.1		
785 01000 DRS 01029		900 27.73	1483.1 1483.6		
DAS 01029	V3. 70 34	-900 27.73	1403.0		
		• • • • • •	• • • • • • • • • • • • • • • • • • • •		

Table X111.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFID 31 829A CONSEC 017L LAT 45 55 N LONG 048 04.0W	YEAR MONT- Day Hour	1.7	BOYOP 00364 SHIP EV DATA USE 1 AREA 05	HET B	ULB 06.7 ETR 1029.8		GT PER 2 3	HIND-DIR WIND-SPO WIND-FOR WEATHER	23	TRACE	DIR	And the second s	TEN SO 1306 5 SQUARE 4 2 SQUARE 48 1 SQUARE 58
CASTVUM/TIME	LVLTYP	JEPTH	TEMP	SAL	51344-1	HTQUNYO	SNO VEL	)XYG	P ) 4	TCT P	452	NO3	S133 P4
	510	20003	04.61	32.71	25.93	00.000	1466.3						
18.6	OBS	00200	04.61	32.710	25.93		1466.3						
	5 <b>T</b> D	00010	01.04	32.48	26.05	00.020	1450 - 7						
	STD	00020	- 1.02	32.26	25.96 •	00.040	1441.1						
	085	00020	- 1.02	32.260	25.96		1441-1						
	510	00030	- 1.58	32.98	26.56	00.058	1439.6						
	OBS	00030	- 1.58	32.980	25.56		1439.6						
	STO	00050	- 1.70	33.13	26.68	00.087	1439.6						
	OAS	00050	- 1.73	33-125	26.68		1439.6						
	nes	00000	- 1.71	33.175	26.77		1439.8						
	510	20275	- 1.69	33.22	26.75	00.120	1440.2						
	OBS	00075	- 1.69	33.220	26 - 75		1440.2						
	5 <b>7</b> D	00100	- 1.67	33,27	26.79	00.152	L440.A						
	08.5	00100	- 1.67	33,270	26.79		1440.8						
	OAS	00115	- 1.67	33.320	26.83		1441.1						
	510	00125	- 1.42	33.42	25.91	00.182	1442.6						
	085	00125	- 1.42	33.425	25.91		1442-6						
	1)85	00137	- 1.09	33.510	26.97		1444.4						
	STD	00150	- 0.14	33.67	27.06	00.209	1449.3						
	0.8.5	00150	- 0.14	33.670	27.06		1449.3						
	nes	00170	- 0.14	33.680	27.07		1449.6						
	JA S	00198	00.06	33.760	27.12		1450.9						
	510	00200	00.08	33.78	27.14	00.257	1451.3						
	ORS.	00230	00.0A	33.780	27.14		1451 - 3						
	n85	00210	00.33	33.R60	27.19		1452.7						
	∩e S	00236	00.49	33.945	27.25		1453 - 9						
	SID	00250	00.48	33.97	21.27	00.30L	1454.2						
	085	00250	00.48	33.970	27.27		1454.2						
	085	00261	00.48	33.960	27.26		1454.3						
	085 985	00264	00.41	33.935	27.25		1454.0						
	510	00300	00•52 00•72	34-030	27.32	00 330	1455.2						
	085	20300	00.72	34.11	27.37	00.339	1456.3						
	085	00338	01.57	34.110 34.345	27.37 27.50		1461.0						
	003	110336	01.77	37.343	21.50		1401.0						
					• • • • •	• • • • • • •	•						

REF10 31 8296 CONSEC 0172 LAT 45 47.0N LONG 048 07.5W	MONT-	1972 H 05 17 19.5	BOTOP 00183 SHIP EV DATA USE 1 APEA 05	WET Baro	TEMP 09.4 BULB 07.8 DMETR 1028.8 UN T/A		IGT PER 2 3	#IND-OIR WIND-SPO #IND-FIR WEATHER	15	TH 40 8	A10	RECORDER 7 07+1		TEN SO 5 SQUARE 2 SQUARE 1 SQUARE	E 4 F 4¶
CASTNUM/TIME	LVLTYP	0EPTH	TEMP	SAL	51344-7	OYNDETH	SND VEL	DXY G	P14	TOT P	чэг	• • • • • • • • • • • • • • • • • • •	513	p +	
	510	00000	05.13	32.71	25.87	00.000	1468.5								
19.5	085	00000	05.13	32.710	25.87		1468.5								
	510	00010	04.63	32.68	25.90	00.921	1466.5								
	OBS	00010	04.63	32.680	25.90		1466+5								
	nB S	00015	04.29	32.620	25.89		1465.1								
	510	00020	01.98	32.63	26.10	00.041	1455-3								
	STO	00030	- 0.92	32.72	26.33	00.060	1447.4								
	nes	00030	- 0.92	32.720	26.33		1442.4								
	n8.5	00035	- 1.52	32.800	26.41		1439.7								
	OB S	00039	- 1.48	33.080	26.63		1440 - 4								
	085	00047	- 1.69	33.080	25.64		1439.5								
	STO	00050	- 1.66	33.15	26.69	00.090	1439.8								
	78 S	00050	- 1.66	33.150	76.69	001010	1439.8								
	085	00051	- 1.63	33.160	26.70		1440-0								
	085	00053	- 1.72	33-165	26.71		1439.6								
	nes	00060	- 1.72	33-165	26.71		1439.7								
	08.5	00062	- 1.70	33.170	26.71		1439.6								
	085	0006B	- 1.75	33.200	26.74		1439.7								
	085	00073	- 1.66	33.290	26 • 81		1440.4								
	STO	00075	- 1.70	33,26	26.78 *	00.123	1443.2								
	085	00075	- 1.73	33.260	26.78	00.123	1440.2								
	085	00083	- 1.71	33.280	26.80		1440.3								
	085	00000	- 1.67	33.290	26.81		1440 • 6								
	510	00100	- 1.66	33.30	26.82	00.154	1440.8								
	085	00100	- 1.66	33.305	26.82	00.134	1440.8								
	08.5	00115	- 1.33	33.410	76.90		1442.8								
	510	00125	- 1.29	33.40	25.89	00.184	1443.2								
	085	00125	- 1.28	33.400	26.89	00.104	1443.2								
	OBS	00145	- 1.25	33.400	26.89		1443.7								
	STD	00150	- 1.16	33.43	26.91	00.213	1444 .2								
	DBS	00150	- 1.16	33.430	26.91	00.213	1444.2								
	- 7		.,,,	,,,,,,	20.71		144.5								

Table XIII.- Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972-18 June 1972, Prepared from NODC Listing No. 31-8296.—Continued

REFIO 31 8296 CUNSEC 2173 LAT 47 02:5N LONG 046 44:0#	MONT DAY	1972 1 06 18 04.0	BOTUP OJGRA SHIP FV DATA USE 1 ARFA OS	HET F BARO	BULR 05.1 4ETR 1027.4		GT PER 2 5	ATND-OTA HIND-SPO HIND-FIR HEATHER	1>	TR AC F		00.2	5	N SQ 1 SQUARE SQUARE SQUARE	66
CASTNUM/TIME	LVLTYP	NEPTH	TEMP	SAL	SISMA-T	OYNOPTH	SNO VEL	OXIG	P34	TOT P	105	403	5173	рН	
	51D	00000	03.29	32.14	25.60	00.000	1459.9								
04.0	292	00000	03.28	32.140	25.60	00.000	1459.9								
00	510	00010	02.49	32.13	25.66	00.024	1456.6								
	nes	00010	02.43	32.125	25.66	00.024	1456 - 6								
	510	00020	00.18	32.96	26.47	00.043	1447.6								
	085	00020	20.18	32.960	25.47		1447.6								
	OBS	00025	00.47	33.330	26.76		1449.5								
	510	00030	- 9-21	33.2B	26.75	00.058	1446.4								
	085	00030	- 0.21	33.285	26+75		1446.4								
	(18.5	0003A	- 0.61	33.380	26.85		1444.9								
	U85	00040	- 0.40	33,380	26.84		1445.6								
	nAs	00049	- 0.89	33.610	27.04		1444 . 1								
	STO	00053	- 0.17	31.59	27.02	00.381	1444 - 6								
	JAS	00050	- 0.77	33.590	27.02		1444 .6								
	510	00075	- 0.07	33.93	21.27	00.104	1448.7								
	085	00075	- 0.07	33.930	21.27		1448.7								
	510	00100	00.70	34.07	27.34	00.124	1452.8								
	JAS	20100	30.70	34.075	27.34		1452.8								
	510	00125	00.73	34.18	27.43	00.141									
	78.5	00125	00.73	34-180	27.43		1453.5								
	510	00150	01.45	34.32	27.49	00.157	1457.4								
	(18.5	00150	01-45	34.325	27.49		1457.4								
	510	00200	02.49	34.54	27.59	00-185	1463.0								
	3 R S	00200	07.48	34.540	27.59		1463.0								
	510	00250	33-18	34.58	27.56 *	00.212	1466.9								
	085	00250	03.18	34.585	27.56		1466 - 9								
	∩85	0025>	03.02	34.500	27.59		1466.3								
	085	00257	03.45	34.700	27.62		1468.5								
	OBS	00280	03.28	34.715	27.65		1468.0								
	510	00300	03.54	34.77	21.67	00.238	1469.6								
	09.5	00360	04.02	34.870	27.70		1472.7								
	510	00400	04.08	34.88	27.71	00.282									
	JAS	00400	04.08	34.8R5	27.71		1473.6								
	085	00425	03.97	34.875	27.71		1473.6								
	ne5	00440	04.06	34.700	21.72		1474.2								
	510	00500	04.02	34.89	27.72	00.326	1475.0								
	085	00500	04.02	34.895	27.72		1475 -0								
	185	00530	04-03	34.900	27.73		1475.6								
	J85	00550	04.05	34.910	27.73		1476.0								
	51 D	006 00	04.03	34.91	27.73	00.369	1476.8								
	185 ***	00600	34.03	34.910	27.73	00 (13	1476.9								
	517	00700	34.03	34.92 34.920	27.74	00.412	1478.4								
	785 510	00700	04.33		27.74	00.464	1478.4								
	085		04.00	34.91	27.74	00.456	1480.0								
	510	00900	04.00	34.915 34.91	27.74 27.74	00 503	1480.0								
	085	00900	04.00		27.74	00.501									
	085	00900	03.99	34.915 34.915	27.74		1481 +6								
	001	30718	03.77	34.713	41.17		1482.9								

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Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 8296 CONSEC 0174 LAT 47 02-0N LONG 046 58-5M	TAOP 1	1912 9 06 18 05•8	BOTOP OLITO SHIP EV OATA USE I AREA OS	Alr H Wet S Baro Clou	TULS 05-1 TETR 1026-1	DIR H 21 SEA CL/TR		WEATHER	1)	TR AC E		00.2	5 2	N SO 1 SQUARE SQUARE SQUARE	66
CASTNUMATIME	LVLTYP	0EPTH	TEMP	SAL	SIGMA-T	OYNOPTH	SNO VEL	2XYG	P ] 4	TOT P	NO2	NO3	5113	PH	
	510	00000	02.83	32.02	25.55	00.000	1457.8								
05.8	262	00000	02.83	32-920	25.55		1457.8								
	STO	00010	02.68	32.02	25.56	00.024									
	085	00010	02.68	32-025	25.56		1457.3								
	STO	00020	01.65	33.10	26.50	00-044	1454.4								
	OBS	20220	01.65	33,100	26.50		1454.4								
	510	00030	00.99	33.22	26.63	00.059	1451.8								
	OBS	00037	00.38	33.260	26.71		1449 - 2								
	nas	00040	00-08	33.270	26.73		1447.9								
	ORS	00742	00.22	33.465	26.88		1448.9								
	STD	00050	- 0-09	33-42	26.86	00.085	1447.5								
	085	00050	- 0.09	33.420	26.86		1447.5								
	510	00075	- 0.64	33.66	27.08	00.113	1445.7								
	280	00075	- 0.64	33-660	27.08		1445.7								
	STO	00100	- 0.28	33.84	27.21	00.136	1448.0								
	385	00100	- 0.28	33.940	27.21		1448.0								
	STD	00125	- 0.17	33.97	27.31	00.156	1449.2								
	G8S	00125	- 0.17	33.975	27.31		1449.2								
	510	00150	00.63	34.19	27.44	00.174									
	280	60150	00.63	34.190	27.44		1453.5								
	5 T O OB S	00200	01.40	34.30	27.48	00.206	1457.9								
	510	00200 00250	01-40	34.300	27.48	00.006	1457.9								
	085	00250	02.05	34.44	27.55	00.236	1461.8								
	510	00300	02.05 02.42	34.445 34.57	21.55 21.62	00.262	1461.8								
	085	00300	02.42	34.575	27.62	00,202	1464.5								
	510	00400	03.49	34+77	27.68	00.310	1470.9								
	oes	00400	03.4R	34.775	27.68	00.310	1470.9								
	sto	00500	03.77	34.85	27.71	00.354	1473.9								
	085	00500	03.77	34 - 850	27.71	00.334	1473.9								
	085	00565	03.85	34.870	27.72		1475.4								
	510	006 20	04.03	34.90	21.13	00.398	1476.8								
	085	00600	04.03	34.905	21.73		1476 - 8								
	STD	00700	04.00	34.88	21.12	00.442	1478.3								
	0.85	00700	04.00	34.885	21.72	•	1478 - 3								
	STO	00A 00	04+03	34.91	21.14	00.488	1480.1								
	ne s	00800	04.03	34.915	27.74		14R0.1								
	510	00900	04.01	34.92	21.74	00.532	1481.7								
	n B S	00700	04.01	34.920	27.74		1481 - 7								
	STD	00010	03.97	34.92	27.75	00.578	1483.2								
	OB2	01000	03.97	34.920	21.75		1483.2								
	510	01100	03.B6	34.92	27.76	00.623	1494.4								
	085	01100	03.86	34.920	21.16		1484.4								

Table XIII.—Observed and Interpolated Oceanographic Data from Stations Occupied by USCGC EVERGREEN, 7 April 1972–18 June 1972, Prepared from NODC Listing No. 31–8296.—Continued

REFID 31 R246 CONSEC 0175 LAT 47 01.0N LONG 047 08.0W	MONTH 06	AUTOP OLLOO SHIP EV OATA USE I AREA OS	WET BULB 05.0 BAROMETR 1025.7	26 0 2	WIND-DIR 25 WIND-5PO 10 WIND-FUR WEATHER X5	INST STO RECORDER TRACE DIR 7 OURATION 00.2 ORIG ITP III	
CASTNUM/TIME	STD   ODD	0 02-59 0 02-59 0 02-39 0 01-98 0 01-98 0 00-13 0 0-13 0 -1-11 0 -1-19 0 -0-70	5AL \$13MA-T  32.07 25.61 32.07 25.61 32.16 25.70 32.16 25.72 32.16 25.72 32.16 25.72 32.16 25.72 33.06 26.56 33.200 26.72 33.39 26.88 33.395 26.88 33.395 26.88 33.55 26.97 33.57 27.00 34.00 27.33 34.00 27.33 34.00 27.33 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.00 27.39 34.30 27.49 34.31 27.49 34.31 27.49 34.31 27.49 34.31 27.49 34.31 27.49 34.31 27.57 34.480 27.57 34.480 27.57 34.490 27.72 34.90 27.72 34.90 27.72 34.90 27.72 34.90 27.73 34.90 27.73 34.91 27.74 34.91 27.75 34.91 27.75 34.91 27.75	0 Y N O P T H S N O Y E L  0 0 0 0 0 1 4 5 6 .8  0 0 0 2 3 1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 5 6 .3  1 4 7 .7  1 4 7 .7  1 4 7 .7  1 4 7 .7  1 4 7 .7  0 0 .1 2 0 1 4 4 4 .3  0 0 .1 4 7 1 4 4 5 .7  0 0 .1 7 0 1 4 4 9 .0  0 0 .1 8 8 1 4 5 1 .4  1 4 5 .7  0 0 .2 0 1 4 5 8 .5  1 4 7 6 .7  0 0 .3 2 3 1 4 7 1 .5  1 4 7 6 .7  0 0 .3 6 7 1 4 7 4 .9  1 4 7 6 .7  0 0 .4 11 1 4 7 6 .8  0 0 .4 5 6 1 4 7 8 .4  1 4 7 6 .8  0 0 .4 5 6 1 4 7 8 .4  1 4 7 6 .8  1 0 0 .5 4 6 1 4 8 .1  1 4 8 0 .1  1 4 8 0 .1  1 4 8 0 .1  1 4 8 0 .1  1 4 8 0 .1  1 4 8 1 .7  0 0 .5 9 1 1 4 8 2 .8  1 4 8 2 .9	3XY G P)4	TOT P VOZ NO3	5133 P4
REF10 31 8246 CONSEC 0176 LAT 47 01.JN LONG 047 15.OW	YEAR 1972 MONTH 06 DAY 19 HOUR 08+9	8010P 037R3 SHIP EV DATA USE 1 AREA 05	AIR TEMP 05.6 WET BULB 05.6 BAROMETR 1025.7 CLOUD T/A	DIR HGT PER 26 2 3 SEA CL/TR	ATMO-01P 22 WIMD-5PO 12 WIMD-FOR WEATHER X5	INST STO RECORDER TRACE DIR O OUPATION 03.4 ORIG TIP 111	TEN 50 1306 5 SQUARE 4 2 SQUARE 66 1 SQUARE 77
CUZINANTIHE	LAFLAD DEDI		SAL SISMA-T	DYNOPTH SNO VEL	ЭХУG РЭ4	101 b NOS NO3	5[J3 PH
78.8	\$110 00000 785 00010 785 00010 785 00010 785 00010 785 00020	02-05 01-93 01-93 01-93 01-93 01-99 01-92 01-82 00-48 0-1-92 0-1-92 0-1-40 0-0-88 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-87 0-0-88 0-0-	32-32	00.700   1454.8   1454.8   1454.8   1454.5   1455.0   1455.0   1455.0   1455.0   1455.0   1456.4   1448.5   1448.5   1448.5   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1448.8   1456.8   145			

PEFED 31 8296 CONSEC 0177 EAT 47 03.5N LONG 047 22.0H	MUNTI	1972 H 06 13 19.2	SHIP EV DATA USE 1 AREA 05	WET F BARO		DIR H 26 SEA CL/TP		ATNO-OTR WINO-SPO WINO-FOR WEATHER	17	TRACE	019	ECOKDER 7 07.1	5 2	N SO 1 PAUCS PAUCS PAALCS	66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	ST3MA-T	OYNOPTH	SNO VEL	3x4G	P)4	TOT P	402	NO3	5133	PH	
	STO	00000	02.56	32.23	25.74	00.000	1456.9								
10.2	ORS	00000	02.56	32.235	25.74		1456.9								
	STO	00010	02.52	32.22	25.74	00-023	1456 • 9								
	785	00010	02.52	32.225	25.74		1456.9								
	STD	00020	02.30	32.22	25.75	00.045	1456 • 1								
	08.5	00020	02-30	32.220	25.75		1456 - 1								
	STO	00030	- 1.13	32.79	26.39	00.065	1441.5								
	08.5	00330	- 1 - 1 3	32 - 795	26.39		1441.5								
	OBS	00034	- 1.46	32.945	26.52		1441.2								
	510	00050	- 1.72	33.14	26.69	00.095	1439.5								
	08.5	00050	- 1.72	33.140	26.69		1439.5								
	510	00075	- 1.70	33.28	26.BO	00.127	1440.2								
	DBS	00075	- 1.70	33.280	26.80		1440.2								
	DAS	00092	- 1.59	33.310	26.82		1441.1								
	510	00100	- 1.43	33.45	26.93	00.157	1442-1								
	785	00100	- 1.43	33.450	26.93		1442 • 1								
	085	00106	- 0.84	33.580	27.02		1445.2								
	510	00125	- 0.57	33.67	27.08	00.183	1446.9								
	085	00125	- 0.57	33.670	27.08		1446.9								
	78S	00140	- 0.17	33.785	27.16		1449 • 1								
	085	00146	- 0.02	33.945	27.20		1450.0								
	STD	00150	00.04	33.86	27.20	00.207	1450-4								
	08 S	00158	00-19	33.400	27.21		1451.2								
	085	00169	00.47	33.900	27.22		1452.7								
	OBS	00180	00.25	33.870	21.20		1451.8								
	08.5	00191	00.36	33.490	21.29		1452.5								
	nes_	00194	00.73	34.010	21.29		1454.7								
	510	00200	00.81	34.02	27.29	00.244	1454.9								
	085	20 2 20	00.81	34.020	21.29		1454.9								
	085	00212	00.85	34.760	27.32		1455.3								
	085	00245	00.79	34.090	21.35		1455 - 7								
	510	00250	01.10	34.17	27.39	00.286	1457.3								
	UBS	00257	01.40	34.245	27.43		1458.9								
	085	00275	01.41	34.275	21.46		1459.2								
	STO	00300	01.41	34.38	27.52	00.318	1461 - 5								
	785	00300	01.81	34.385	21.52		1461 - 5								
	nes	00342	02.33	34.525	27.59		1464-7								
	290	00355	02 • 34	34.530	2,7.59		1465.0								
					• • • • •	• • • • • • • •	•								

REFIO 31 8296 CONSEC 0178 LAT 47 00+0N LONG 047 30.0W	MONTH OAY	05 18	BOTOP DOLGG SHIP EV DATA USE I ARFA 05	HET F		26		AINO-DIR OQZ-OVIW AC 3-OVIW SAHT AB N	1.3	TH AC 6		02+1	5 2	N SO T SOUARE SOUARE SOUARE	4 66
CASTNUM/TIME	LVLTYP	DEPTH	TEMP	SAL	\$15M4-T	OYNOPTH	SNO VEL	JXY G	0 )4	TCT P	NO2	NO3	5133	PH	
	5 7 0	00000	03-10	32.29	25.74	00.000	1459.4								
11.2	ne s	00000	03.10	32.290	25.74		1459.4								
	510	00010	02.92	32 - 31	25.77	00.022	1458.8								
	285	00010	02.92	32.310	25.77		1458.8								
	STO	00020	02.73	32-33	25.80	00.045	1457.1								
	085	00020	02.73	32.330	25.80		1458 - 1								
	STO	00030	- 1.09	32.83	26.42	00.064	1441.7								
	085	000 30	- 1.09	32.930	26.42		1441.7								
	\$10	00050	- 1.73	33.14	26.69	00.094	1439.5								
	085	00350	- 1.73	33-140	26.69		1439.5								
	510	00075	- 1.72	33.22	26.75	00-127	144).0								
	იმვ	00075	- 1.72	33.220	26.75		1440.0								
	STO	00100	- 1.64	31.36	26.86	00-158	1441 .0								
	085	00100	- 1.64	33.360	26.86		1441.0								
	510	00125	- 1.09	33.45	26.92	00.187	1444 - 1								
	085	00125	- 1.09	33-450	26.92		1444 - 1								
	085	00144	- 0.88	33.510	26.96		1445.5								
	510	00150	- 0.95	33.53	26.98	00.214	1445 - 3								
	085	00150	- 0.95	33.530	26.98		1445.3								
	085	00163	- 0.77	34.610	27.85		1447.9								